|  |  |
| --- | --- |
|  | **University of Kragujevac****Faculty of Engineering****Faculty of Medical Sciences** |

 

**The Book of Teachers**

**engaged in the study programme**

**Doctoral Academic Studies**

**of Bioengineering**

**Kragujevac, 2021**

**Faculty of Engineering Teachers**

[Dragan Adamović 4](#_Toc77267779)

[Fatima Živić 5](#_Toc77267780)

[Goran Devedžić 6](#_Toc77267781)

[Gordana Jovičić 7](#_Toc77267782)

[Ivan Mačužić 8](#_Toc77267783)

[Miroslav Živković 9](#_Toc77267784)

[Nenad Filipović 10](#_Toc77267785)

[Nenad Grujović 11](#_Toc77267786)

[Velibor Isailović 12](#_Toc77267787)

[Vesna Ranković 13](#_Toc77267788)

[Vladimir Milovanović 14](#_Toc77267789)

**Faculty of Medical Sciences Teachers**

[Biljana Ljujić 15](#_Toc77267790)

[Dragan Milovanović 16](#_Toc77267791)

[Dragana Ignjatović Ristić 17](#_Toc77267792)

[Dragica Selaković 18](#_Toc77267793)

[Goran Mihajlović 19](#_Toc77267794)

[Gvozden Rosić 20](#_Toc77267795)

[Irena Tanasković 21](#_Toc77267796)

[Isidora Milosavljević 22](#_Toc77267797)

[Ivan Srejović 23](#_Toc77267798)

[Jovana Bradić 24](#_Toc77267799)

[Jovana Jeremić 25](#_Toc77267800)

[Maja Sazdanović 26](#_Toc77267801)

[Maja Vulović 27](#_Toc77267802)

[Marina Mitrović 28](#_Toc77267803)

[Nataša Zdravković 29](#_Toc77267804)

[Nebojša Zdravković 30](#_Toc77267805)

[Nemanja Jovičić 31](#_Toc77267806)

[Nevena Jeremić 32](#_Toc77267807)

[Radiša Vojinović 33](#_Toc77267808)

[Slobodan Janković 34](#_Toc77267809)

[Slobodanka Mitrović 35](#_Toc77267810)

[Tamara Nikolić Turnić 36](#_Toc77267811)

[Tatjana Bošković Matić 37](#_Toc77267812)

[Vesna Stanković 38](#_Toc77267813)

[Vladimir Jakovljević 39](#_Toc77267814)

[Vladimir Živković 40](#_Toc77267815)

[Vladislav Volarević 41](#_Toc77267816)

[Zoran Milosavljević 42](#_Toc77267817)

**Faculty of Science Teachers**

[Boban Stojanović 43](#_Toc77267818)

[Marina Svičević 44](#_Toc77267819)

[Milan Kovačević 45](#_Toc77267820)

[Miloš Ivanović 46](#_Toc77267821)

[Nenad Stevanović 47](#_Toc77267822)

[Slađana Dimitrijević 48](#_Toc77267823)

**Institute for Information Technologies Teachers**

[Dalibor Nikolić 49](#_Toc77267824)

[Danijela Cvetković 50](#_Toc77267825)

[Dejan Milenković 51](#_Toc77267826)

[Dragana Šeklić 52](#_Toc77267827)

[Dušica Simijonović 53](#_Toc77267828)

[Edina Avdović 54](#_Toc77267829)

[Igor Saveljić 55](#_Toc77267830)

[Marija Gačić 56](#_Toc77267831)

[Marko Živanović 57](#_Toc77267832)

[Miljan Milošević 58](#_Toc77267833)

[Saša Ćuković 59](#_Toc77267834)

[Zoran Marković 60](#_Toc77267835)

**Visiting professors**

[Gordana Vunjak-Novaković 61](#_Toc77267836)

[Milica Radišić 62](#_Toc77267837)

[Miloš Kojić 63](#_Toc77267838)

[Srboljub Mijailović 64](#_Toc77267839)

[Themis Exarchos 65](#_Toc77267840)

|  |  |
| --- | --- |
| **Name and surname** | Dragan Adamović |
| **Position** | Full Professor |
| **Narrow scientific or artistic field** | Production Engineering and Industrial Engineering |
| **Academic career** | **Year**  | **Institution**  | **Scientific or artistic field** | **Narrow scientific, artistic or professional field** |
| Appointment to the position | 2012 | Faculty of Engineering, Kragujevac | Mechanical Engineering | Production Engineering and Industrial Engineering |
| Doctoral degree | 2002 | Faculty of Mechanical Engineering, Kragujevac | Mechanical Engineering | Production Engineering |
| Magister degree | 1993 | Faculty of Mechanical Engineering, Kragujevac | Mechanical Engineering | Production Engineering |
| Diploma | 1984 | Faculty of Mechanical Engineering, Kragujevac | Mechanical Engineering | Production Engineering |
| **List of courses that the teacher holds in doctoral studies** |
| No. | code | Course name | Type of studies |
| 1. | DPM19 | Material selection | Doctoral academic studies |
| 2. | DPM24 | Biomaterials | Doctoral academic studies |
| 3. | 21.BID104 | Biomaterials | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Zivic, F., Grujovic, N., Pellicer, E., Sort, J., Mitrovic, S., **Adamovic, D.**, & Vulovic, M. (2018). Biodegradable metals as biomaterials for clinical Practice: iron-based materials. In Biomaterials in Clinical Practice (pp. 225-280). Springer, Cham. | M13 |
| 2. | **Adamovic, D.**, Ristic, B., & Zivic, F. (2018). Review of existing biomaterials—Method of material selection for specific applications in orthopedics. Biomaterials in Clinical Practice, 47-99. | M13 |
| 3. | Zivic, F., Grujovic, N., **Adamovic, D.**, & Divac, D. (2017). Development of new composites made of waste materials for wood pallet element. In Advances in Applications of Industrial Biomaterials (pp. 201-214). Springer, Cham. | M13 |
| 4. | Zivic, F., Babic, M., Grujovic, N., Mitrovic, S., & **Adamovic, D.** (2013). Influence of loose PMMA bone cement particles on the corrosion assisted wear of the orthopedic AISI 316LVM stainless steel during reciprocating sliding. Wear, 300(1-2), 65-77. | M21 |
| 5. | Mitrovic, S., **Adamovic, D.**, Zivic, F., Dzunic, D., & Pantic, M. (2014). Friction and wear behavior of shot peened surfaces of 36CrNiMo4 and 36NiCrMo16 alloyed steels under dry and lubricated contact conditions. Applied Surface Science, 290, 223-232. | M21a |
| 6. | Ristić, B., Popović, Z., **Adamović, D.**, & Devedžić, G. (2010). Selection of biomaterials in orthopedic surgery. Vojnosanitetski pregled, 67(10), 847-855. | M23 |
| 7. | Devedžić, G., Milošević, D., Ivanović, L., **Adamović, D.**, & Manić, M. (2010). Reasoning with linguistic preferences using NPN logic. Computer Science and Information Systems, 7(3), 511-528. | M23 |
| 8. | Mitrovic, S., **Adamovic, D.**, Zivic, F., Dzunic, D., Pantic, M., & Jevremovic, D. (2016). Dry sliding wear behaviour of pvd tin coatings for cold forming tools. Journal of the balkan tribological association, 22(1), 347-355. | М23 |
| 9. | Živić, F., Grujović, N., Mitrović, S., **Adamović, D.**, Petrović, V., Radovanović, A., Đurić, S., & Palić, N. (2016). Friction and Adhesion in Porous Biomaterial Structure. Tribology in Industry, 38(3), 361-370. | М24 |
| 10. | Busarac, N., Jovanović, Ž., Njezić, S., Živić, F., Grujović, N., & **Adamović, D.** (2020). Experimental Study and Analytical model of Shear Thinning in 3D Bioprinting of Gelatin. Tribology in Industry, 42(3), 503-512. | M52 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 140 |
| Total number of papers in SCI (SSCI) indexed journals | 14 |
| Current participation in projects | National: 2 | International: 2 |
| Professional development | Italy, Department of Innovative Technologies and Management DIMEG, University of Padua, 2010; Croatia, Faculty of Engineering, University of Rijeka, July 2012; Finland, Technical University of Tampere, October 2013 |

|  |  |
| --- | --- |
| **Name and surname** | Fatima Živić |
| **Position** | Associate Professor |
| **Narrow scientific or artistic field** | Production Engineering |
| **Academic career** | **Year**  | **Institution**  | **Scientific or artistic field** | **Narrow scientific, artistic or professional field** |
| Appointment to the position | 2021 | Faculty of Engineering, University of Kragujevac | Mechanical Engineering | Production Engineering |
| Doctoral degree | 2012 | Faculty of Engineering, University of Kragujevac | Mechanical Engineering | Production Engineering |
| Magister degree | 2005 | Faculty of Mechanical Engineering in Kragujevac | Mechanical Engineering | Production Engineering |
| Diploma | 1994 | Faculty of Mechanical Engineering in Kragujevac | Mechanical Engineering | Processing Techniques |
| **List of coursesthat the teacher holds in doctoral studies** |
| No. | Code | Course name | Type of studies |
| 1. | DPM24 | Biomaterials | Doctoral academic studies |
| 2. | DPM27 | Micro and nano technologies | Doctoral academic studies |
| 3. | 21.BID104 | Biomaterials | Doctoral academic studies |
| 4. | 21.BID205 | Micro and nano technologies | Doctoral academic studies |
| 5. | 21.BID206 | Biomedical implants | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | **Zivic, F.**, Grujovic, N., Pellicer, E., Sort, J., Mitrovic, S., Adamovic, D., & Vulovic, M. (2018). Biodegradable metals as biomaterials for clinical Practice: iron-based materials. In Biomaterials in Clinical Practice (pp. 225-280). Springer, Cham. | M13 |
| 2. | **Zivic, F.**, Grujovic, N., Mitrovic, S., Ahad, I. U., & Brabazon, D. (2018). Characteristics and applications of silver nanoparticles. Commercialization of Nanotechnologies–A Case Study Approach, 227-273. | M13 |
| 3. | Adamovic, D., Ristic, B., & **Zivic, F.** (2018). Review of existing biomaterials—Method of material selection for specific applications in orthopedics. Biomaterials in Clinical Practice, 47-99. | M13 |
| 4. | Matovic, B., **Zivic, F.**, Mitrovic, S., Prsic, D., Maksimovic, V., Volkov-Husovic, T., Kumar, R., & Daneu, N. (2016). Ultra-high pressure densification and properties of nanostructured SiC. Materials Letters, 164, 68-71.  | M21 |
| 5. | **Zivic, F.**, Babic, M., Grujovic, N., Mitrovic, S., & Adamovic, D. (2013). Influence of loose PMMA bone cement particles on the corrosion assisted wear of the orthopedic AISI 316LVM stainless steel during reciprocating sliding. Wear, 300(1-2), 65-77. | M21 |
| 6. | **Zivic, F.**, Babic, M., Grujovic, N., Mitrovic, S., Favaro, G., & Caunii, M. (2012). Effect of vacuum-treatment on deformation properties of PMMA bone cement. Journal of the Mechanical behavior of Biomedical Materials, 5(1), 129-138. | M21 |
| 7. | **Zivic, F.**, Babic, M., Mitrovic, S., & Vencl, A. (2011). Continuous control as alternative route for wear monitoring by measuring penetration depth during linear reciprocating sliding of Ti6Al4V alloy. Journal of Alloys and Compounds, 509(19), 5748-5754. | M21 |
| 8. | Vencl, A., Arostegui, S., Favaro, G., **Zivic, F.**, Mrdak, M., Mitrović, S., & Popovic, V. (2011). Evaluation of adhesion/cohesion bond strength of the thick plasma spray coatings by scratch testing on coatings cross-sections. Tribology International, 44(11), 1281-1288. | M21 |
| 9. | Babić, M., Mitrović, S., **Zivic, F.**, & Bobić, I. (2010). Wear behavior of composites based on ZA-27 alloy reinforced by Al 2 O 3 particles under dry sliding condition. Tribology letters, 38(3), 337-346.  | M21 |
| 10. | Grujovic, N., **Zivic, F.**, Zivkovic, M., Sljivic, M., Radovanovic, A., Bukvic, L., Mladenović M. & Sindjelic, A. (2017). Custom design of furniture elements by fused filament fabrication. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 231(1), 88-95. | M23 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 84 |
| Total number of papers in SCI (SSCI) indexed journals | 20 |
| Current participation in projects | National: 1 | International: 2 |
| Professional development | UAB Barcelona, TU Dresden, UCL UK, University of Bologna |
| Additional relevant information | 642642-SELECTA-H2020-MSCA-ITN-2014, WIMB-543898-TEMPUS-1-2013-1-ES-TEMPUS-JPHES, EURAXESS TOP IV project 2018-2021 |

|  |  |
| --- | --- |
| **Name and surname** | Goran Devedžić |
| **Position** | Full Professor |
| **Narrow scientific or artistic field** | Production Engineering and Industrial Engineering |
| **Academic career** | **Year**  | **Institution**  | **Scientific or artistic field** | **Narrow scientific, artistic or professional field** |
| Appointment to the position | 2009 | Faculty of Engineering, University of Kragujevac | Mechanical Engineering | Production Engineering and Industrial Engineering |
| Doctoral degree | 1998 | Faculty of Mechanical Engineering, University of Kragujevac | Mechanical Engineering | Production Engineering |
| Magister degree | 1992 | Faculty of Mechanical Engineering, University of Kragujevac | Mechanical Engineering | Production Engineering |
| Diploma | 1987 | Faculty of Mechanical Engineering, University of Kragujevac | Mechanical Engineering | Production Engineering |
| **List of courses that the teacher holds in doctoral studies** |
| No. | Code | Course name | Type of studies |
| 1. | DPM01 | Geometric modeling | Doctoral academic studies |
| 2. | 21.BID105 | Biomedical image processing | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | **Devedžić, G.** (2013). Studies In Bioengineering And Medical Informatics: Current EU Practices and Western Balkan Initiative. In International Conference on ICT Innovations (pp. 17-34). Springer, Heidelberg. | M13 |
| 2. | Ćuković, S., **Devedžić, G.**, Pankratz, F., Baizid, K., Ghionea, I., & Kostić, A. (2015). Augmented reality simulation of CAM spatial tool paths in prismatic milling sequences. In IFIP International Conference on Product Lifecycle Management (pp. 516-525). Springer, Cham. | M13 |
| 3. | **Devedžić, G.**, Ćuković, S., Luković, V., Milošević, D., Subburaj, K., & Luković, T. (2012). ScolioMedIS: Web-oriented information system for idiopathic scoliosis visualization and monitoring. Computer methods and programs in biomedicine, 108(2), 736-749. | М21 |
| 4. | Matić, A., Petrović Savić, S., Ristić, B., Stevanović, B., & **Devedžić, G.** (2016). Infrared assessment of knee instability in ACL deficient patients. International orthopaedics, 40(2), 385-391.  | M21 |
| 5. | Baizid, K., Ćuković, S., Iqbal, J., Yousnadj, A., Chellali, R., Meddahi, A., **Devedžić, G.**, & Ghionea, I. (2016). IRoSim: Industrial Robotics Simulation Design Planning and Optimization platform based on CAD and knowledgeware technologies. Robotics and Computer-Integrated Manufacturing, 42(6), 121-134.  | M21 |
| 6. | Tanikić, D., Marinković, V., Manić, M., **Devedžić, G.**, & Ranđelović, S. (2016). Application of response surface methodology and fuzzy logic based system for determining metal cutting temperature. Bulletin of the Polish Academy of Sciences - Technical Sciences, 64(2), 435-445. | M22 |
| 7. | Petrovic Savic, S., Ristic, B., Jovanovic, Z., Matic, A., Prodanovic, N., Anwer, N., Qiao, L., & **Devedzic, G.** (2018). Parametric Model Variability of the Proximal Femoral Sculptural Shape. International Journal of Precision Engineering and Manufacturing, 19(7), 1047-1054. | M22 |
| 8. | **Devedžić, G.**, Manić, M., Tanikić, D., Ivanović, L., & Mirić, N. (2010). Conceptual framework for NPN logic based decision analysis. Strojniški vestnik-Journal of Mechanical Engineering, 56(6), 402-408. | М23 |
| 9. | Lukovic, T., Cukovic, S., Lukovic, V., **Devedzic, G.**, & Djordjevic, D. (2015). Towards a new protocol of scoliosis assessments and monitoring in clinical practice: A pilot study. Journal of back and musculoskeletal rehabilitation, 28(4), 721-730. | M23 |
| 10. | Ivanović, L., **Devedžić, G.**, Ćuković, S., & Mirić, N. (2012). Modeling of the meshing of trochoidal profiles with clearances. Journal of Mechanical Design, 134(4), 041003.  | M21 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 472 |
| Total number of papers in SCI (SSCI) indexed journals | 27 |
| Current participation in projects | National: 1 | International: 1 |
| Professional development | Universidade do Minho (Portugal), Democritus University of Thrace (Greece), University of Brighton (UK), University of Birmingham (UK), Paris Nord University (France), Ecole Normal Superior, Cachan – LURPA (France), University Pierre and Maria Curie – Paris 6, Sorbonne (France), Tampere University of Technology (Finland), University of Maribor (Slovenia), Tallinn University (Estonia), Beihang University (China); total duration of over 60 weeks. Visiting professor to Paris Nord University, IUT Saint Denis since 2006. Professor of the Beihang University Summer School (Beijing, China) since 2016 |
| Additional relevant information | First prize - MIMICS INNOVATION AWARD 2016 for EMEA region awarded by Materialise (Leuven, Belgium); CV prof. dr Goran Devedzic: <http://is.fink.rs/podaci/Goran_Devedzic/84/cv_Goran_Devedzic.html>  |

|  |  |
| --- | --- |
| **Name and surname** | Gordana Jovičić |
| **Position** | Full Professor |
| **Narrow scientific or artistic field** | Applied Mechanics |
| **Academic career** | **Year**  | **Institution**  | **Scientific or artistic field** | **Narrow scientific, artistic or professional field** |
| Appointment to the position | 2016 | Faculty of Engineering | Mechanical Engineering | Applied Mechanics |
| Doctoral degree | 2005. | Faculty of Mechanical Engineering in Kragujevac | Mechanical Engineering | Applied Mechanics |
| Magister degree | 1997. | Faculty of Mechanical Engineering in Kragujevac | Mechanical Engineering | Applied Mechanics |
| Diploma | 1990. | Faculty of Mechanical Engineering in Kragujevac | Mechanical Engineering | Traffic engineering and transport |
| **List of courses that the teacher holds in doctoral studies** |
| No. | Code | Course name | Type of studies |
| 1. | DPMA08 | Computational fracture and fatigue mechanics | Doctoral academic studies |
| 2. | DPIR07 | Integrity of bioengineering structures | Doctoral academic studies |
| 3. | 21.BID208 | Biomechanics of the skeletal system | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Vukicevic, A. M., Çimen, S., Jagic, N., **Jovicic, G.**, Frangi, A. F., & Filipovic, N. (2018). Three-dimensional reconstruction and NURBS-based structured meshing of coronary arteries from the conventional X-ray angiography projection images. Scientific reports, 8(1), 1-20. | М21 |
| 2. | Pajic, S.S., Antic, S., Vukicevic, A.M., Djordjevic, N., **Jovicic, G.**, Savic, Z., Saveljic, I., Janović, A., Pesic, Z., Djuric, M. and Filipovic, N. (2017). Trauma of the frontal region is influenced by the volume of frontal sinuses. A finite element study. Frontiers in physiology, 8, 493.  | М21 |
| 3. | Vukicevic, A. M., Zelic, K., **Jovicic, G.**, Djuric, M., & Filipovic, N. (2015). Influence of dental restorations and mastication loadings on dentine fatigue behaviour: Image-based modelling approach. Journal of dentistry, 43(5), 556-567. | М21а |
| 4. | Zelic, K., Vukicevic, A., **Jovicic, G.**, Aleksandrovic, S., Filipovic, N., & Djuric, M. (2015). Mechanical weakening of devitalized teeth: three‐dimensional Finite Element Analysis and prediction of tooth fracture. International Endodontic Journal, 48(9), 850-863. | М21а |
| 5. | Vukicevic, A. M., **Jovicic, G. R.**, Stojadinovic, M. M., Prelevic, R. I., & Filipovic, N. D. (2014). Evolutionary assembled neural networks for making medical decisions with minimal regret: Application for predicting advanced bladder cancer outcome. Expert systems with applications, 41(18), 8092-8100. | М21а |
| 6. | Antic, S., Vukicevic, A. M., Milasinovic, M., Saveljic, I., **Jovicic, G.**, Filipovic, N., Rakocevic, Z., & Djuric, M. (2015). Impact of the lower third molar presence and position on the fragility of mandibular angle and condyle: a three-dimensional finite element study. Journal of Cranio-Maxillofacial Surgery, 43(6), 870-878.  | М21 |
| 7. | Filipovic, N., Djukic, T., Saveljic, I., Milenkovic, P., **Jovicic, G.**, & Djuric, M. (2014). Modeling of liver metastatic disease with applied drug therapy. Computer methods and programs in biomedicine, 115(3), 162-170. | М21 |
| 8. | Vukicevic, A. M., **Jovicic, G. R.**, Jovicic, M. N., Milicevic, V. L., & Filipovic, N. D. (2018). Assessment of cortical bone fracture resistance curves by fusing artificial neural networks and linear regression. Computer methods in biomechanics and biomedical engineering, 21(2), 169-176. | M22 |
| 9. | Vukicevic, A. M., Stojadinovic, M., Radovic, M., Djordjevic, M., Andjelkovic Cirkovic, B., Pejovic, T., Pejovic, T., **Jovicic, G. R.**, & Filipovic, N. (2016). Automated development of artificial neural networks for clinical purposes: Application for predicting the outcome of choledocholithiasis surgery. Computers in biology and medicine, 75, 80-89.  | М22 |
| 10. | Vukicevic, A. M., Stepanovic, N. M., **Jovicic, G. R.**, Apostolovic, S. R., & Filipovic, N. D. (2014). Computer methods for follow-up study of hemodynamic and disease progression in the stented coronary artery by fusing IVUS and X-ray angiography. Medical & biological engineering & computing, 52(6), 539-556. | М22 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 125 |
| Total number of papers in SCI (SSCI) indexed journals | 24 |
| Current participation in projects | National: 2 | International: 4 |

|  |  |
| --- | --- |
| **Name and surname** | Ivan Mačužić |
| **Position** | Associate Pprofessor |
| **Narrow scientific or artistic field** | Production Engineering, Industrial Engineering |
| **Academic career** | **Year**  | **Institution**  | **Scientific or artistic field** | **Narrow scientific, artistic or professional field** |
| Appointment to the position | 2016. | Faculty of Engineering | Industrial Engineering | Production Engineering, Industrial Engineering  |
| Doctoral degree | 2011. | Faculty of Engineering | Mechanical Engineering | Production Engineering |
| Magister degree | 1999. | Faculty of Mechanical Engineering in Kragujevac | Mechanical Engineering | Production Engineering |
| Diploma | 1996. | Faculty of Mechanical Engineering in Kragujevac | Mechanical Engineering | Automatic Control |
| **List of courses that the teacher holds in doctoral studies** |
| No. | Code | Course name | Type of studies |
| 1. | DINŽ03DIM04 | Advanced maintenance engineering | Doctoral academic studies |
| 2. | DIM03 | Advanced methods and tools for industrial process management | Doctoral academic studies |
| 3. | 21.BID305 | Biomedical signals processing | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Mijović, P., Ković, V., De Vos, M., **Mačužić, I.**, Jeremić, B., & Gligorijević, I. (2016). Benefits of instructed responding in manual assembly tasks: an ERP approach. Frontiers in human neuroscience, 10, 171. | М21 |
| 2. | Mijović, P., Ković, V., De Vos, M., **Mačužić, I.**, Todorović, P., Jeremić, B., & Gligorijević, I. (2017). Towards continuous and real-time attention monitoring at work: reaction time versus brain response. Ergonomics, 60(2), 241-254. | M22 |
| 3. | **Macuzić, I.,** Tadić, D., Aleksić, A., & Stefanović, M. (2016). A two step fuzzy model for the assessment and ranking of organizational resilience factors in the process industry. Journal of Loss Prevention in the Process Industries, 40, 122-130. | M22 |
| 4. | **Macuzic, I.,** Giagloglou, E., Djapan, M., Todorovic, P., & Jeremic, B. (2016). Occupational safety and health education under the lifelong learning framework in Serbia. International Journal of Occupational Safety and Ergonomics, 22(4), 514-522. | M23 |
| 5. | Stefanovic, M., Tadic, D., Djapan, M., & **Macuzic, I.** (2012). Software for occupational health and safety risk analysis based on a fuzzy model. International journal of occupational safety and ergonomics, 18(2), 127-136. | M23 |
| 6. | Vukadinovic, S., **Macuzic, I.**, Djapan, M., & Milosevic, M. (2019). Early management of human factors in lean industrial systems. Safety Science, 119, 392-398. | М21 |
| 7. | Todorović, P. M., Gordić, D. R., Babić, M. J., Jeremić, B. M., Demichela, M., & **Mačužić, I. D.** (2013). An implementation of infrared thermography in maintenance plans within a world class manufacturing strategy. Thermal Science, 17(4), 977-987. | М23 |
| 8. | Djapan, M. J., Tadic, D. P., **Macuzic, I. D.**, & Dragojovic, P. D. (2015). A new fuzzy model for determining risk level on the workplaces in manufacturing small and medium enterprises. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 229(5), 456-468. | М23 |
| 9. | **Mačužić**, I., Đapan, M. (2016). LEAN koncept u upravljanju proizvodnjom, Monografija, Fakultet inženjerskih nauka, Kragujevac. ISBN 978-86-6335-035-9 | М42 |
| 10. | Djapan, M., **Macuzic, I.**, Tadic, D., & Baldissone, G. (2019). An innovative prognostic risk assessment tool for manufacturing sector based on the management of the human, organizational and technical/technological factors. Safety Science, 119, 280-291. | М21 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 26 |
| Total number of papers in SCI (SSCI) indexed journals | 19 |
| Current participation in projects | National: 2 | International: 1 |
| Professional development | Politecnico di Torino, Italy, 15 x 7 days, Chalmers University of Technology, Gothenburg, Sweden, 7 days, University of Ljubljana, Faculty of Mechanical Engineering, Slovenia, 21 days, United Kingdom, University of Nottingham, 7 days |

|  |  |
| --- | --- |
| **Name and surname** | Miroslav Živković |
| **Position** | Full Professor |
| **Narrow scientific or artistic field** | Applied Mechanics, Applied Informatics and Computer Engineering |
| **Academic career** | **Year**  | **Institution**  | **Scientific or artistic field** | **Narrow scientific, artistic or professional field** |
| Appointment to the position | 2007 | Faculty of Mechanical Engineering in Kragujevac | Mechanical Engineering | Applied Mechanics, Applied Informatics and Computer Engineering |
| Doctoral degree | 1996 | Faculty of Mechanical Engineering in Kragujevac | Mechanical Engineering | Applied Mechanics |
| Magister degree | 1989 | Faculty of Mechanical Engineering in Kragujevac | Mechanical Engineering | Applied mechanics and machine constructions |
| Diploma | 1985 | Faculty of Mechanical Engineering in Kragujevac | Mechanical Engineering | Traffic engineering and transport |
| **List of courses that the teacher holds in doctoral studies** |
| No. | Code | Course name | Type of studies |
| 1. | DPMA01 | Finite element method – 2 | Doctoral academic studies |
| 2. | DPMA06 | Finite element method – advanced analysis | Doctoral academic studies |
| 3. | 21.BID203 | Finite element method – advanced analysis | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Milovanović, V., Dunić, V., Rakić, D., & **Živković, M.** (2013). Identification causes of cracking on the underframe of wagon for containers transportation–Fatigue strength assessment of wagon welded joints. Engineering Failure Analysis, 31, 118-131. | M21 |
| 2. | Grujovic, N., Divac, D., **Zivkovic, M.**, Slavkovic, R., Milivojevic, N., Milivojevic, V., & Rakic, D. (2013). An inelastic stress integration algorithm for a rock mass containing sets of discontinuities. Acta Geotechnica, 8(3), 265-278. | M21 |
| 3. | Dunić, V., Busarac, N., Slavković, V., Rosić, B., Niekamp, R., Matthies, H., Slavković R., & **Živković, M.** (2016). A thermo-mechanically coupled finite strain model considering inelastic heat generation. Continuum Mechanics and Thermodynamics, 28(4), 993-1007.  | M21 |
| 4. | Jovicic, G., Nikolic, R., **Zivkovic, M.**, Milovanovic, D., Jovicic, N., Maksimović, S., & Djordjevic, J. (2013). An estimation of the high-pressure pipe residual life. Archives of Civil and Mechanical Engineering, 13, 36-44. | M22 |
| 5. | Nikolić, R. H., Radovanović, M. R., **Živković, M. M.**, Nikolić, A. V., Rakić, D. M., & Blagojević, M. R. (2014). Modeling of thermoelectric module operation in inhomogeneous transient temperature field using finite element method. Thermal Science, 18(suppl. 1), 239-250. | M22 |
| 6. | Stepanović, Ž., **Živković, M.**, Vulović, S., Aćimović, L., Ristić, B., Matić, A., & Grujović, Z. (2011). High, open wedge tibial osteotomy: Finite element analysis of five internal fixation modalities. Vojnosanitetski pregled, 68(10), 867-871. | M23 |
| 7. | Blagojevic, M., Nikolic, A., **Živkovic, M.**, & Stankovic, G. (2013). Influence of blocks’ topologies on endothelial shear stress observed in CFD analysis of artery bifurcation. Acta of Bioengineering and Biomechanics, 15(1). | M23 |
| 8. | Blagojević, M., Nikolić, A., **Živković, M.**, Živković, M., & Stanković, G. (2014). A novel framework for fluid/structure interaction in rapid subject specific simulations of blood flow in coronary artery bifurcations. Vojnosanitetski pregled, 71(3), 285-292. | M23 |
| 9. | Petrović, R., **Živković, M.**, Topalović, M., & Slavković, R. (2015). Analytical, numerical and experimental stress assessment of the spherical tank with large volume. Tehnički vjesnik, 22(5), 1135-1140. | M23 |
| 10. | Blagojević, M., Rakić, D., Topalović, M., & **Živković, M.** (2016). Optical coordinate measurements of parts and assemblies in automotive industry. Tehnicki Vjesnik. 23(5), 1541-1546. | M23 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | Web of Science (202); Scopus (222) |
| Total number of papers in SCI (SSCI) indexed journals | 28 |
| Current participation in projects | National: 2 | International:  |

|  |  |
| --- | --- |
| **Name and surname** | Nenad Filipović |
| **Position** | Full Professor |
| **Narrow scientific or artistic field** | Applied Mechanics and Applied Informatics and Computer Engineering |
| **Academic career** | **Year**  | **Institution**  | **Scientific or artistic field** | **Narrow scientific, artistic or professional field** |
| Appointment to the position | 2010. | Faculty of Mechanical Engineering in Kragujevac | Mechanical Engineering | Applied Mechanics and Applied Informatics and Computer Engineering |
| Doctoral degree | 1999. | Faculty of Mechanical Engineering in Kragujevac | Mechanical Engineering | Applied Mechanics |
| Diploma | 1994. | Faculty of Mechanical Engineering in Kragujevac | Mechanical Engineering | Energy and process engineering |
| **List of courses that the teacher holds in doctoral studies** |
| No. | Code | Course name | Type of studies |
| 1. | DPIR01 | Computational fluid dynamics | Doctoral academic studies |
| 2. | DPIR02 | Bioengineering 1 | Doctoral academic studies |
| 3. | 21.BID101 | Methodology of scientific research | Doctoral academic studies |
| 4. | 21.BID201 | Bioengineering 1 | Doctoral academic studies |
| 5. | 21.BID206 | Biomedical implants | Doctoral academic studies |
| 6. | 21.BID302 | Bioengineering – advanced level | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Vukicevic, A. M., Velicki, L. U., Jovicic, G. R., Jovicic, N., Stojadinovic, M. M., & **Filipovic, N. D.** (2015). Finite element analysis of uncommonly large renal arteriovenous malformation—Adjacent renal cyst complex. Computers in biology and medicine, 59, 35-41. | M22 |
| 2. | Janovic, A., Saveljic, I., Vukicevic, A., Nikolic, D., Rakocevic, Z., Jovicic, G., **Filipovic, N.**, & Djuric, M. (2015). Occlusal load distribution through the cortical and trabecular bone of the human mid-facial skeleton in natural dentition: a three-dimensional finite element study. Annals of Anatomy-Anatomischer Anzeiger, 197, 16-23.  | M21 |
| 3. | Cihoric, N., **Filipovic, N.**, & Jeremic, B. (2015). A call for careful interpretation of outcome of nonsurgical approach in clinical stage IIIa non-small cell lung cancer in the National Cancer Database. The Annals of thoracic surgery, 99(3), 1111-1112. | M21 |
| 4. | Hetterich, H., Jaber, A., Gehring, M., Curta, A., Bamberg, F., **Filipovic, N.**, & Rieber, J. (2015). Coronary computed tomography angiography based assessment of endothelial shear stress and its association with atherosclerotic plaque distribution in-vivo. PLoS One, 10(1), e0115408. | M21 |
| 5. | Jeremic, B., **Filipovic, N.**, Milicic, B., & Milisavljevic, S. (2015). Radiation therapy (RT) and chemotherapy (CHT) in stage II non-small cell lung cancer (NSCLC): Clinical entity neglected by radiation oncologists?. Lung Cancer, 90(3), 622-623. | M21 |
| 6. | Vukicevic, A. M., Zelic, K., Jovicic, G., Djuric, M., & **Filipovic, N.** (2015). Influence of dental restorations and mastication loadings on dentine fatigue behaviour: Image-based modelling approach. Journal of dentistry, 43(5), 556-567. | M21a |
| 7. | Zelic, K., Vukicevic, A., Jovicic, G., Aleksandrovic, S., **Filipovic, N.**, & Djuric, M. (2015). Mechanical weakening of devitalized teeth: three‐dimensional Finite Element Analysis and prediction of tooth fracture. International Endodontic Journal, 48(9), 850-863. | M21 |
| 8. | Brönnimann, D., Djukic, T., Triet, R., Dellenbach, C., Saveljic, I., Rieger, M., Rohr, S., **Filipovic, N.**, & Djonov, V. (2016). Pharmacological modulation of hemodynamics in adult zebrafish in vivo. PloS one, 11(3), e0150948. | M21 |
| 9. | Cihoric, N., Tsikkinis, A., **Filipovic, N.**, & Jeremic, B. (2016). Treatment options for isolated locoregional recurrences of nonsmall cell lung cancer after surgery: yes, radiation therapy too!. European respiratory journal, 48(1), 276-278. | M21 |
| 10. | Djukic, T. R., Karthik, S., Saveljic, I., Djonov, V., & **Filipovic, N.** (2016). Modeling the behavior of red blood cells within the caudal vein plexus of zebrafish. Frontiers in physiology, 7, 455. | M21 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 741 (Scopus) |
| Total number of papers in SCI (SSCI) indexed journals | 92 |
| Current participation in projects | National: 2 | International: 14 |
| Professional development | October 2001, University of Vienna; 2003-2008, Harvard University |

|  |  |
| --- | --- |
| **Name and surname** | Nenad Grujović |
| **Position** | Full Professor |
| **Narrow scientific or artistic field** | Applied Mechanics and Applied Informatics and Computer Engineering |
| **Academic career** | **Year**  | **Institution**  | **Scientific or artistic field** | **Narrow scientific, artistic or professional field** |
| Appointment to the position | 2007 | Faculty of Mechanical Engineering in Kragujevac | Mechanical Engineering | Applied Mechanics and Applied Informatics and Computer Engineering |
| Doctoral degree | 1996 | Faculty of Mechanical Engineering in Kragujevac | Mechanical Engineering | Applied Informatics and Computer Engineering |
| Magister degree | 1989 | Faculty of Mechanical Engineering in Kragujevac | Mechanical Engineering | Applied mechanics and machine constructions |
| Diploma | 1986 | Faculty of Mechanical Engineering in Kragujevac | Mechanical Engineering | Traffic engineering and transport |
| **List of courses that the teacher holds in doctoral studies** |
| No. | Code | Course name | Type of studies |
| 1. | DPIR03 | Computer aided optimization | Doctoral academic studies |
| 2. | 21.BID206 | Biomedical implants | Doctoral academic studies |
| 3. | 21.BID304 | Tissue engineering | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | **Grujovic, N.**, Zivic, F., Zivkovic, M., Sljivic, M., Radovanovic, A., Bukvic, L., Mladenović M. & Sindjelic, A. (2017). Custom design of furniture elements by fused filament fabrication. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 231(1), 88-95. | М23 |
| 2. | **Grujovic, N.**, Divac, D., Zivkovic, M., Slavkovic, R., Milivojevic, N., Milivojevic, V., & Rakic, D. (2013). An inelastic stress integration algorithm for a rock mass containing sets of discontinuities. Acta Geotechnica, 8(3), 265-278. | M22 |
| 3. | Zivic, F., **Grujovic, N.**, Adamovic, D., & Divac, D. (2017). Development of new composites made of waste materials for wood pallet element. In Advances in Applications of Industrial Biomaterials (pp. 201-214). Springer, Cham. | M13 |
| 4. | Zivic, F., **Grujovic, N.**, & Miljojkovic, J. (2018). Differences between adopters and non-adopters of innovation: Case study of new technologies| adoption by small and medium enterprises in Serbia. In Supporting University Ventures in Nanotechnology, Biomaterials and Magnetic Sensing Applications (pp. 113-139). Springer, Cham. | M13 |
| 5. | Živković, M., Kojić, M., Slavković, R., & **Grujović, N.** (2001). A general beam finite element with deformable cross-section. Computer Methods in Applied Mechanics and Engineering, 190(20-21), 2651-2680. | M21 |
| 6. | **Grujović N.**, Milivojević N., Stojanović B., Arsić M. (2004) Relational model and database content of the Drina hydro information system based on GIS technology (in Serbian), Vodoprivreda, 36(1,2), 147-157. | М51 |
| 7. | Kojić, M., Slavković, R., Živković, M., **Grujović, N.** (1998). Finite Element Method I (in Serbian), Faculty of Mechanical Engineering in Kragujevac, Kragujevac. ISBN 86-80581-27-5 | М42 |
| 8. | **Grujović, N.**, Dimirijević, V., Milivojević, N. (2005). Computer Application MS Office (in Serbian), Kragujevac. ISBN 86-80581-72-0 |  |
| 9. | **Grujović N.** (2006), Numerical Solving of Contact Problems (in Serbian), Faculty of Mechanical Engineering in Kragujevac, Kragujevac. ISBN 86-80581-58-5 | М42 |
| 10. | Grujović A., **Grujović N.** (2006). Basics of Measurement Instruments Techniques 2,3 (in Serbian), Faculty of Mechanical Engineering in Kragujevac. ISBN 86-80581-38-0, ISBN 86-80581-38-9 |  |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 118 SCOPUS (h-index=6); WoS=77 (h-index=6) |
| Total number of papers in SCI (SSCI) indexed journals | 12 |
| Current participation in projects | National: 2 | International: 3 |
| Professional development | Harvard School of Public Health – Boston, TU Braunschweig, UAB Barcelona, NTUA – Athens, UPC Barcelona |
| Additional relevant information | Coordinator: 642642-SELECTA-H2020-MSCA-ITN-2014, WIMB-543898-TEMPUS-1-2013-1-ES-TEMPUS-JPHES, TEMPUS JEP CD 16156-2001, JEP UM 177119-2002, IPA, WUS |

|  |  |
| --- | --- |
| **Name and surname** | Velibor Isailović |
| **Position** | Assistant Professor |
| **Narrow scientific or artistic field** | Bioengineering |
| **Academic career** | **Year**  | **Institution**  | **Scientific or artistic field** | **Narrow scientific, artistic or professional field** |
| Appointment to the position | 2017 | Faculty of Engineering | Mechanical Engineering | Bioengineering |
| Doctoral degree | 2012 | Faculty of Information Technology, Metropolitan University - Belgrade | Information Technology | Bioinformatics |
| Diploma | 2006 | Faculty of Mechanical Engineering in Kragujevac | Mechanical Engineering | Applied Mechanics |
| **List of courses that the teacher holds in doctoral studies** |
| No. | Code | Course name | Type of studies |
| 1. | DPIR02 | Bioengineering 1 | Doctoral academic studies |
| 2. | 21.BID302 | Bioengineering – advanced level | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Dimkić, M., Pušić, M., Vidović, D., **Isailović, V.**, Majkić, B., & Filipovic, N. (2011). Numerical model assessment of radial-well aging. Journal of computing in civil engineering, 25(1), 43-49. | М21 |
| 2. | Filipovic, N., **Isailović, V.**, Đukić, T., Ferrari, M., & Kojic, M. (2011). Multiscale modeling of circular and elliptical particles in laminar shear flow. IEEE transactions on biomedical engineering, 59(1), 50-53. | М21 |
| 3. | Filipovic, N., Gibney, B. C., Kojic, M., Nikolic, D., **Isailovic, V.**, Ysasi, A., Konerding, M. A., Mentzer, S. J. & Tsuda, A. (2013). Mapping cyclic stretch in the postpneumonectomy murine lung. Journal of Applied Physiology, 115(9), 1370-1378. | M21 |
| 4. | Dimkic, M., Rankovic, V., Filipovic, N., Stojanovic, B., **Isailovic, V.**, Pusic, M., & Kojic, M. (2013). Modeling of radial well lateral screens using 1D finite elements. Journal of hydroinformatics, 15(2), 405-415. | М21 |
| 5. | Kojić, N., Milošević, M., Petrović, D., **Isailović, V.**, Sarioglu, A. F., Haber, D. A., Kojic, M., & Toner, M. (2015). A computational study of circulating large tumor cells traversing microvessels. Computers in biology and medicine, 63(C), 187-195.  | M22 |
| 6. | Filipović, N., **Isailović, V.**, Nikolić, D., Peulić, A., Mijailović, N., Petrović, S., Ćuković, S., Vulović, R., Matić, A., Zdravković, N., Devedžic, G., & Ristić, B. (2013). Biomechanical modeling of knee for specific patients with chronic anterior cruciate ligament injury. Computer Science and Information Systems, 10(1), 525-545.  | M23 |
| 7. | Mahadevan, T. S., Kojic, M., Milosevic, M., **Isailovic, V.**, Filipovic, N., Ferrari, M., & Ziemys, A. (2012). Nanoparticle transport models in confined fluids. In Nanotechnology 2012: Electronics, Devices, Fabrication, MEMS, Fluidics and Computational-2012 NSTI Nanotechnology Conference and Expo, NSTI-Nanotech 2012 (pp. 412-415).  | M13 |
| 8. | Kojic, M., Milosevic, M., Kojic, N., **Isailovic, V.**, Petrovic, D., Filipovic, N., Ferrari, A., & Ziemys, A. (2015). Transport phenomena: computational models for convective and diffusive transport in capillaries and tissue. In Multiscale Modeling in Biomechanics and Mechanobiology (pp. 131-156). Springer, London.  | M13 |
| 9. | **Isailovic, V.**, & Filipovic, N. (2019). Computer modeling of cochlear mechanics. In Computational Modeling in Bioengineering and Bioinformatics (pp. 289-319). Academic Press | М13 |
| 10. | **Isailovic, V.**, Obradovic, M., Nikolic, D., Saveljic, I., & Filipovic, N. D. (2013). SIFEM project: Finite element modeling of the cochlea. In 13th IEEE International Conference on BioInformatics and BioEngineering (pp. 1-4). IEEE. | M33 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 40 (Scopus) |
| Total number of papers in SCI (SSCI) indexed journals | 6 |
| Current participation in projects | National: 2 | International: 2 |
| Professional development |  |
| Additional relevant information | Member of the Board of Directors of the Serbian Society of Mechanics; Member of the Serbian Society of Mechanics; Member of the Serbian Society for Computational Mechanics, Member of the Council of the University of Kragujevac, Member of the Board of the Society of Engineers and Technicians - Kragujevac |

|  |  |
| --- | --- |
| **Name and surname** | Vesna Ranković |
| **Position** | Full Professor |
| **Narrow scientific or artistic field** | Automation and Mechatronics, Applied Informatics and Computer Engineering |
| **Academic career** | **Year**  | **Institution**  | **Scientific or artistic field** | **Narrow scientific, artistic or professional field** |
| Appointment to the position | 2014. | Faculty of Engineering | Mechanical Engineering | Automation and Mechatronics, Applied Informatics and Computer Engineering |
| Doctoral degree | 2004. | Faculty of Mechanical Engineering in Kragujevac | Mechanical Engineering | Automation and Mechatronics, Applied Informatics and Computer Engineering |
| Magister degree | 1995. | Faculty of Mechanical Engineering in Kragujevac | Mechanical Engineering | Automation and Mechatronics, Applied Informatics and Computer Engineering |
| Diploma | 1991. | Faculty of Mechanical Engineering in Kragujevac | Mechanical Engineering | Mechanical constructions |
| **List of courses that the teacher holds in doctoral studies** |
| No. | Code | Course name | Type of studies |
| 1. | DPIR05 | Computer intelligence in engineering | Doctoral academic studies |
| 2. | DPIR08 | Intelligent techniques in decision making systems | Doctoral academic studies |
| 3. | 21.BID303 | Computer intelligence in bioengineering | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | **Ranković, V.**, Grujović, N., Divac, D., & Milivojević, N. (2014). Development of support vector regression identification model for prediction of dam structural behaviour. Structural Safety, 48, 33-39. | М21 |
| 2. | **Ranković, V.**, Novaković, A., Grujović, N., Divac, D., & Milivojević, N. (2014). Predicting piezometric water level in dams via artificial neural networks. Neural Computing and Applications, 24(5), 1115-1121. | М22 |
| 3. | Radulović, J., **Ranković, V.**, Bojić, M., & Skerlić, J. (2014). Environmental impacts of the electromagnetic field levels near overhead transmission lines. Environmental Engineering & Management Journal (EEMJ), 13(3), 627-633. | M23 |
| 4. | Radovanović, S., **Ranković, V.**, Anđelković, V., Divac, D., & Milivojević, N. (2018). Development of new models for the estimation of deformation moduli in rock masses based on in situ measurements. Bulletin of Engineering Geology and the Environment, 77(3), 1191-1202. | М22 |
| 5. | **Ranković, V.**, Grujović, N., Divac, D., Milivojević, N., & Novaković, A. (2012). Modelling of dam behaviour based on neuro-fuzzy identification. Engineering Structures, 35, 107-113. | M21 |
| 6. | **Rankovic, V.**, Radulovic, J., Grujovic, N., & Divac, D. (2014). Neural network model predictive control of nonlinear systems using genetic algorithms. International Journal of Computers Communications & Control, 7(3), 540-549. | M23 |
| 7. | **Ranković, V.**, & Radulović, J. (2011). Prediction of magnetic field near power lines by normalized radial basis function network. Advances in Engineering Software, 42(11), 934-938.. | M22 |
| 8. | **Ranković, V.**, Radulović, J., Radojević, I., Ostojić, A., & Čomić, L. (2012). Prediction of dissolved oxygen in reservoirs using adaptive network-based fuzzy inference system. Journal of Hydroinformatics, 14(1), 167-179. | M22 |
| 9. | **Ranković, V.**, & Savić, S. (2011). Application of feedforward neural network in the study of dissociated gas flow along the porous wall. Expert Systems with Applications, 38(10), 12531-12536. | M21 |
| 10. | Radulović, J., & **Ranković, V.** (2010). Feedforward neural network and adaptive network-based fuzzy inference system in study of power lines. Expert Systems with Applications, 37(1), 165-170. | M21 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 216 (SCOPUS) |
| Total number of papers in SCI (SSCI) indexed journals | 13 |
| Current participation in projects | National: 2 | International:  |

|  |  |
| --- | --- |
| **Name and surname** | Vladimir Milovanović |
| **Position** | Assistant Professor |
| **Narrow scientific or artistic field** | Electrical engineering and computing |
| **Academic career** | **Year**  | **Institution**  | **Scientific or artistic field** | **Narrow scientific, artistic or professional field** |
| Appointment to the position | 2015. | Faculty of Engineering | Electrical and computer engineering | Electrical engineering and computing |
| Doctoral degree | 2010. | Faculty of Electrical Engineering, Technical University of Delft, The Netherlands | Electrical and computer engineering | Electrical engineering and computing |
| Diploma | 2005. | Faculty of Electrical Engineering, University of Belgrade | Electrical and computer engineering | Electronics |
| **List of courses that the teacher holds in doctoral studies** |
| No. | Code | Course name | Type of studies |
| 1. | DPIR09 | Machine learning | Doctoral academic studies |
| 2. | 21.BID207 | Machine learning | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | **Milovanović, V.**, & van der Toorn, R. (2010). Impact of parameter extraction methodology on variances of extracted parameter values. Solid-state electronics, 54(6), 665-670. | М22 |
| 2. | **Milovanovic, V.**, & van der Toorn, R. (2010). A novel physics-based compact model of band-to-band tunneling current in pn junctions. IEEE Transactions on Electron Devices, 57(7), 1583-1589. | М21 |
| 3. | Popadic, M., **Milovanovic, V.**, Xu, C., Sarubbi, F., & Nanver, L. K. (2010). C-V Profiling of Ultrashallow Junctions using Step-Like Background Profiles. Solid-State Electronics, 54(9), 890-896. | М22 |
| 4. | **Milovanović, V.**, Van der Toorn, R., & Pijper, R. (2011). RF small signal avalanche for bipolar transistor circuit design: Characterization, modeling and repercussions. Microelectronics Reliability, 51(3), 560-565. | М22 |
| 5. | Puglielli, A., Townley, A., LaCaille, G., **Milovanović, V.**, Lu, P., Trotskovsky, K., Whitcombe, N., Narevsky, G., Wright, T., Courtade, E., Alon, B., Nikolić, A., & Niknejad, A. M. (2015). Design of energy-and cost-efficient massive MIMO arrays. Proceedings of the IEEE, 104(3), 586-606.  | М21а |
| 6. | Milosavljević, I. M., Glavonjić, Ɖ. P., Krčum, D. P., Saranovac, L. V., & **Milovanović, V. M.** (2017). A highly linear and fully-integrated FMCW synthesizer for 60 GHz radar applications with 7 GHz bandwidth. Analog Integrated Circuits and Signal Processing, 90(3), 591-604. | М23 |
| 7. | Milosavljević, I. M., Krčum, D. P., Glavonjić, Ð. P., Jovanović, S. P., Mihajlović, V. R., Tasovac, D. M., & **Milovanović, V. M.** (2018). A SiGe highly integrated FMCW transmitter module with a 59.5–70.5-GHz single sweep cover. IEEE Transactions on Microwave Theory and Techniques, 66(9), 4121-4133. | М21 |
| 8. | **Milovanović, V.**, & Zimmermann, H. (2014). A double-differential-input/differential-output fully complementary and self-biased asynchronous CMOS comparator. Facta universitatis-series: Electronics and Energetics, 27(4), 649-661. | М51 |
| 9. | **Milovanović, V. M.** (2018). On fundamental operating principles and range-doppler estimation in monolithic frequency-modulated continuous-wave radar sensors. Facta universitatis-series: Electronics and Energetics, 31(4), 547-570. | М24 |
| 10. | **Milovanović, V.**, & Zimmermann, H. (2013, September). A 40 nm LP CMOS self-biased continuous-time comparator with sub-100ps delay at 1.1 V & 1.2 mW. In 2013 Proceedings of the ESSCIRC (ESSCIRC) (pp. 101-104). IEEE. | М33 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 46 |
| Total number of papers in SCI (SSCI) indexed journals | 7 |
| Current participation in projects | National: 1 | International:  |
| Professional development | Vienna University of Technology, Austria, summer 2016 |

|  |  |
| --- | --- |
| **Name and surname** | Biljana Ljujić |
| **Position** | Associate Professor |
| **Narrow scientific or artistic field** | Genetics |
| **Academic career** | **Year**  | **Institution**  | **Scientific or artistic field** | **Narrow scientific, artistic or professional field** |
| Appointment to the position | 2019 | Faculty of Medical Sciences | Genetics | Genetics |
| Doctoral degree | 2013 | Faculty of Medical Sciences | Immunology, infection and inflammation | Immunology, infection and inflammation |
| Diploma | 2005 | Medical Faculty | Medicine |  |
| **List of courses that the teacher holds in doctoral studies** |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID109 | Molecular medicine | Doctoral academic studies |
| 2. | 21.BID210 | Stem cell biology and their application in regenerative medicine | Doctoral academic studies |
| 3. | 21.BID213 | Basic research in neuroscience | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Bojic, S., Falco, M. M., Stojkovic, P., **Ljujic, B.**, Gazdic Jankovic, M., Armstrong, L., Markovic, N., Dopazo, J., Lako, M., Bauer, R., & Stojkovic, M. (2020). Platform to study intracellular polystyrene nanoplastic pollution and clinical outcomes. Stem Cells, 38(10), 1321-1325. | M21 |
| 2. | Petrovic, I., Pejnovic, N., **Ljujic, B.**, Pavlovic, S., Miletic Kovacevic, M., Jeftic, I., Djukic, A., Draginic, N., Andjic, M., Arsenijevic, N. and Lukic, M.L., & Jovicic, N. (2020). Overexpression of Galectin 3 in Pancreatic β Cells Amplifies β-Cell Apoptosis and Islet Inflammation in Type-2 Diabetes in Mice. Frontiers in endocrinology, 11, 30. | M22 |
| 3. | Stankovic, M., **Ljujic, B.**, Babic, S., Maravic-Stojkovic, V., Mitrovic, S., Arsenijevic, N., Radak, D., Pejnovic, N., & Lukic, M. L. (2019). IL-33/IL-33R in various types of carotid artery atherosclerotic lesions. Cytokine, 120, 242-250. | M22 |
| 4. | Pavlovic, S., Petrovic, I., Jovicic, N., **Ljujic, B.**, Miletic Kovacevic, M., Arsenijevic, N., & Lukic, M. L. (2018). IL-33 prevents MLD-STZ induction of diabetes and attenuate insulitis in prediabetic NOD mice. Frontiers in immunology, 9, 2646. | M21 |
| 5. | Kovacevic, M. M., Pejnovic, N., Mitrovic, S., Jovicic, N., Petrovic, I., Arsenijevic, N., Lukic, M.L., & **Ljujic, B.** (2018). Galectin-3 deficiency enhances type 2 immune cell-mediated myocarditis in mice. Immunologic research, 66(4), 491-502. | M22 |
| 6. | Volarevic, V., Bojic, S., Nurkovic, J., Volarevic, A., **Ljujic, B.**, Arsenijevic, N., Lako, M., & Stojkovic, M. (2014). Stem cells as new agents for the treatment of infertility: current and future perspectives and challenges. BioMed research international, 2014, 507234. | M23 |
| 7. | Bojic, S., Volarevic, V., **Ljujic, B.**, & Stojkovic, M. (2014). Dental stem cells-characteristics and potential. Histol Histopathol, 29, 699-706. | M22 |
| 8. | **Ljujic, B.**, Milovanovic, M., Volarevic, V., Murray, B., Bugarski, D., Przyborski, S., Arsenijevic, N., Lukic, M.L., & Stojkovic, M. (2013). Human mesenchymal stem cells creating an immunosuppressive environment and promote breast cancer in mice. Scientific reports, 3(1), 2298. | M21a |
| 9. | Arsenijević, S., **Ljujić, B.**, Stošić, I., Grujičić, D., Marinković, D., & Milošević-Đorđević, O. (2013). Polymorphisms of the GSTT1 and GSTM1 genes in women of central Serbia: Absence of association with uterine myoma. Archives of Biological Sciences, 65(2), 415-420. | M23 |
| 10. | Volarevic, V., Milovanovic, M., **Ljujic, B.**, Pejnovic, N., Arsenijevic, N., Nilsson, U., Leffler, H., & Lukic, M. L. (2012). Galectin‐3 deficiency prevents concanavalin A–induced hepatitis in mice. Hepatology, 55(6), 1954-1964. | M21a |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 467 |
| Total number of papers in SCI (SSCI) indexed journals | 22 |
| Current participation in projects | National:  | International:  |
| Professional development | 1. Study stays in England at the University of New Castle, training in the field of work and application of induced pluripotent stem cells in the treatment of eye diseases.2. Postgraduate training "Reproduction chain reaction with real-time product detection (REAL TIME PCR) - basic module" was completed in 2009 at the Institute of Immunology, Faculty of Medicine in Belgrade. |

|  |  |
| --- | --- |
| **Name and surname** | Dragan Milovanović |
| **Position** | Full Professor |
| **Narrow scientific or artistic field** | Pharmacology and Toxicology |
| **Academic career** | **Year**  | **Institution**  | **Scientific field** | **Narrow scientific field** |
| Appointment to the Position | 2011 | Faculty of Medical Sciences, Kragujevac | Medicine | Pharmacology and Toxicology |
| Doctoral degree | 2001 | Medical Faculty, Kragujevac | Medicine | Pharmacology and Toxicology |
| Magister degree | 1996 | Medical Faculty, Kragujevac | Medicine | Neuroscience |
| Diploma | 1993 | Medical Faculty, Kragujevac | Medicine | Medicine |
| **List of courses that the teacher holds in doctoral studies** |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID311 | Applied and clinical research in neuroscience | Doctoral academic studies |
| 2. | 21.BID213 | Basic research in neuroscience | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Zaric, R. Z., Milovanovic, J., Rosic, N., **Milovanovic, D.**, Zecevic, D. R., Folic, M., & Jankovic, S. (2018). Pharmacokinetics of vancomycin in patients with different renal function levels. Open Medicine, 13(1), 512-519. | М23 |
| 2. | Tosic-Pajic, J. Z., Sazdanovic, P., Sorak, M., Cukic, J., Arsovic, A., **Milovanovic, D.**, & Baskic, D. (2018). Chlamydia trachomatis screening in resource-limited countries–Comparison of diagnostic accuracy of 3 different assays. The Journal of Infection in Developing Countries, 12(09), 733-740. | М23 |
| 3. | Simić-Vukomanović, I., Mihajlović, G., **Milovanović, D.**, Kocić, S., Radević, S., Đukić, S., Vukomanović, V. & Đukić-Dejanović, S. (2018). The impact of somatic symptoms on depressive and anxiety symptoms among university students in central Serbia. Vojnosanitetski pregled, 75(6), 582-588. | М23 |
| 4. | Radmanović, B., Đukić-Dejanović, S., **Milovanović, D. R.**, & Đorđević, N. (2018). Cigarette smoking and heavy coffee drinking affect therapeutic response to olanzapine. Srpski arhiv za celokupno lekarstvo, 146(1-2), 43-47. | М23 |
| 5. | Zornić, N., **Milovanović, D. R.**, Stojadinović, M., Radovanović, D., Davidović, G., Simović, S., Bukumirić, Z., Janjić, V., Marić, N., Jevđić, J. and Rosić, V., & Nešić, J. (2018). Quality of life of the mechanically ventilated patients with community-acquired pneumonia. Vojnosanitetski pregled, 75(9), 864-874. | М23 |
| 6. | Janković, S. M., **Milovanović, D.**, Zečević, D. R., Folić, M., Rosić, N., & Vulović, D. (2016). Consulting clinical pharmacologist about treatment of inpatients in a tertiary hospital in Serbia. European journal of clinical pharmacology, 72(12), 1541-1543. | М22 |
| 7. | Djordjevic, N., Milovanovic, D. D., Radovanovic, M., Radosavljevic, I., Obradovic, S., Jakovljevic, M., **Milovanovic, D.**, Milovanovic, J.R. & Jankovic, S. (2016). CYP1A2 genotype affects carbamazepine pharmacokinetics in children with epilepsy. European journal of clinical pharmacology, 72(4), 439-445. | М22 |
| 8. | Vojinovic, R. H., **Milovanovic, D. R.**, Dimic, N. D., Radovanovic, M., Mitrovic, S., & Radovanovic, D. M. (2015). Hepatic abscess originating from renal suppurative collection. Journal of the College of Physicians and Surgeons--Pakistan: JCPSP, 25(2), 155. | М23 |
| 9. | Radovanovic, A., Stojceska, V., Plunkett, A., Jankovic, S., **Milovanovic, D.**, & Cupara, S. (2015). The use of dry Jerusalem artichoke as a functional nutrient in developing extruded food with low glycaemic index. Food chemistry, 177, 81-88. | М21а |
| 10. | Riznic, N., **Milovanovic, D.**, Dejanovic, S., Jankovic, S., Ravanic, D., Petrovic, D., Jovanovic, M., Mladenovic, V., Zecevic, D. & Janjić, V. (2017). Effects of antidepressants on serum concentrations of bone metabolism markers and major electrolytes in patients from routine psychiatric practice. Vojnosanitetski pregled, 74(7), 615-624. | М23 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 333 |
| Total number of papers in SCI (SSCI) indexed journals | 90 |
| Current participation in projects | National: 3 | International: 1 |
| Professional development | He has successfully completed several one-day and multi-day, National and international seminars of continuing education in the field of pharmacoeconomics, clinical genetics, clinical pharmacology, traditional medicine and drug regulation. |
| Other data you consider relevant: Expert of the Agency for Medicines and Medical Devices of the Republic of Serbia for safety assessment of drugs and pharmacological-toxicological documentation, since 2005. Member of the Presidency of the Serbian Pharmacological Society since 2007. |

|  |  |
| --- | --- |
| **Name and surname** | Dragana Ignjatović Ristić |
| **Position** | Full Professor |
| **Narrow scientific or artistic field** | Psychiatry |
| **Academic career** | **Year**  | **Institution**  | **Scientific field** | **Narrow scientific field** |
| Appointment to the Position | 2016. | Faculty of Medical Sciences, University of Kragujevac | Medicine | Psychiatry |
| Doctoral degree | 2000. | Medical Faculty in Belgrade | Medicine |  |
| Magister degree | 1994. | Medical Faculty in Belgrade | Medicine |  |
| Diploma | 1988. | Medical Faculty in Belgrade | Medicine |  |
| **List of coursesthat the teacher holds in doctoral studies** |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID311 | Applied and clinical research in neuroscience | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | **Ignjatovic Ristic, D.**, Cohen, D., & Ristic, I. (2021). Prescription attitudes and practices regarding clozapine among Serbian psychiatrists: results of a nationwide survey. Therapeutic Advances in Psychopharmacology, 11, 1-11. | М22 |
| 2. | **Ignjatović Ristić, D.**, Hinić, D., Banković, D., Kočović, A., Ristić, I., Rosić, G., Ristić, B., Milovanović, D., Janjić, V., Jovanović, M., Selaković, D., Jovičić, M., Stevanović, N., Milanović, P., Milenković, N., Paunović, M., Stašević Karličić, I., Novaković, I., Aleksić, J., Drašković, M., Ranđelović, N., Đorđić, M., Gavrilović, J. (2020). Levels of stress and resilience related to the COVID-19 pandemic among academic medical staff in Serbia. Psychiatry Clin Neurosci. 74(11), 604 -605 | М21 |
| 3. | Stašević-Karličić, I., Đorđević, V., Stašević, M., Subotić, T., Filipović, Z., **Ignjatović-Ristić, D.**, & Janjić, V. (2020). Perspectives on mental health services during the COVID-19 epidemic in Serbia. Srpski arhiv za celokupno lekarstvo, 148(5-6):379-382. | М23 |
| 4. | Trifunovic, M., Zivic, L., **Ignjatovic-Ristic, D.**, Sretenovic, J., Rancic, N., & Ristic, I. (2020). Which affective temperaments are most expressed in patients with chronic sub-jective tinnitus?. Hippokratia, 24(2), 77-83. | М23 |
| 5. | Jovičić, M., Ristić, I., **Ignjatović Ristić, D.**, & Hinić, D. (2021). The role of affective temperament and character traits in predicting suicidality in depressed patients. Clínica y Salud, 32(1), 1-6. | М23 |
| 6. | **Ignjatović Ristić, D.**, Cohen, D., Obradović, A., Nikić-Đuričić, K., Drašković, M., & Hinić, D. (2018). The Glasgow antipsychotic side-effects scale for clozapine in inpatients and outpatients with schizophrenia or schizoaffective disorder. Nordic journal of psychiatry, 72(2), 124-129. | М22 |
| 7. | Riznić, N., Milovanović, D. R., Dejanović, S. D., Janković, S. M., Ravanić, D., **Ignjatović Ristić, D.**, Petrović, D., Jovanović, M., Mladenović, V., Zečević, D.R. & Janjić, V. (2017). Effects of antidepressants on serum concentrations of bone metabolism markers and major electrolytes in patients from routine psychiatric practice. Vojnosanitetski pregled, 74(7), 615-624. | M23 |
| 8. | **Ignjatović-Ristić, D.**, Vasiljević, S., Rančić, N., & Ristić, B. (2014). Difficulties in proving medical errors: Where do we stand?. Vojnosanitetski pregled, 71(4), 390-394. | M23 |
| 9. | **Ignjatović-Ristić, D.**, Hinić, D., Bessonov, D., Akiskal, H. S., Akiskal, K. K., & Ristić, B. (2014). Towards validation of the short TEMPS-A in non-clinical adult population in Serbia. Journal of affective disorders, 164, 43-49. | М21 |
| 10. | Ristic, B., Rancic, N., Maksimovic, M., & **Ignjatovic-Ristic, D.** (2013). The influence of alcohol intoxication on the severity of injuries suffered by drivers in road traffic accidents. European journal of trauma and emergency surgery, 39(4), 363-368. | М23 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 200 (SCOPUS) |
| Total number of papers in SCI (SSCI) indexed journals | 23 |
| Current participation in projects | National: 3 | International:  |
| Professional development |  |

|  |  |
| --- | --- |
| Name and surname | Dragica Selaković |
| Position | Assistant Professor |
| Narrow scientific or artistic field | Physiology |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2018. | Faculty of Medical Sciences, University of Kragujevac | Physiology |  |
| Doctoral degree | 2018. | Faculty of Medical Sciences, University of Kragujevac | Medicine |  |
| Diploma | 2012. | Medical Faculty, University of Kragujevac | Medicine |  |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID311 | Applied and clinical research in neuroscience | Doctoral academic studies |
| 2. | 21.BID213 | Basic research in neuroscience | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Arsenijevic, N., **Selakovic, D.**, Katanic Stankovic, J. S., Mihailovic, V., Mitrovic, S., Milenkovic, J., Milanovic, P., Vasovic, M., Markovic, S.D., Zivanovic, M. and Grujic, J., Jovicic, N., & Rosic, G. (2021). The Beneficial Role of Filipendula ulmaria Extract in Prevention of Prodepressant Effect and Cognitive Impairment Induced by Nanoparticles of Calcium Phosphates in Rats. Oxidative medicine and cellular longevity, 2021, 6670135. | М21 |
| 2. | Ignjatović Ristić, D., Hinić, D., Banković, D., Kočović, A., Ristić, I., Rosić, G., Ristić, B., Milovanović, D., Janjić, V., Jovanović, M., **Selaković, D.**, Jovičić, M., Stevanović, N., Milanović, P., Milenković, N., Paunović, M., Stašević Karličić, I., Novaković, I., Aleksić, J., Drašković, M., Ranđelović, N., Đorđić, M., Gavrilović, J. (2020). Levels of stress and resilience related to the COVID-19 pandemic among academic medical staff in Serbia. Psychiatry Clin Neurosci. 74(11), 604 -605 | М21 |
| 3. | Stankovic, J. S. K., **Selakovic, D.**, Mihailovic, V., & Rosic, G. (2020). Antioxidant Supplementation in the Treatment of Neurotoxicity Induced by Platinum-Based Chemotherapeutics—A Review. International Journal of Molecular Sciences, 21(20), 7753. | М21 |
| 4. | Srejovic, I., **Selakovic, D.**, Jovicic, N., Jakovljević, V., Lukic, M. L., & Rosic, G. (2020). Galectin-3: Roles in Neurodevelopment, Neuroinflammation, and Behavior. Biomolecules, 10(5), 798. | М22 |
| 5. | Vukovic, R., Kumburovic, I., Joksimovic Jovic, J., Jovicic, N., Katanic Stankovic, J. S., Mihailovic, V., Djuric, M., Velickovic, S., Arnaut, A., **Selakovic, D.**, & Rosic, G. (2019). N-acetylcysteine protects against the anxiogenic response to cisplatin in rats. Biomolecules, 9(12), 892. | М22 |
| 6. | Joksimovic, J., **Selakovic, D.**, Matovic, M., Zaletel, I., Puskas, N., & Rosic, G. (2017). The role of neuropeptide-Y in nandrolone decanoate-induced attenuation of antidepressant effect of exercise. PloS one, 12(6), e0178922. | М21 |
| 7. | Kumburovic, I., **Selakovic, D.**, Juric, T., Jovicic, N., Mihailovic, V., Stankovic, J. K., Sreckovic, N., Kumburovic, D., Jakovljevic, V., & Rosic, G. (2019). Antioxidant effects of Satureja hortensis L. Attenuate the Anxiogenic effect of cisplatin in rats. Oxidative medicine and cellular longevity, 2019, 8307196. | М21 |
| 8. | Boroja, T., Katanić, J., Rosić, G., **Selaković, D.**, Joksimović, J., Mišić, D., Stanković, V., Jovičić, N. & Mihailović, V. (2018). Summer savory (Satureja hortensis L.) extract: Phytochemical profile and modulation of cisplatin-induced liver, renal and testicular toxicity. Food and Chemical Toxicology, 118, 252-263. | М21 |
| 9. | Rosic, G., Joksimovic, J., **Selakovic, D.**, Jakovljevic, V., Zivkovic, V., Srejovic, I., Djuric, M., & Djuric, D. (2018). The beneficial effects of sulfur-containing amino acids on cisplatininduced cardiotoxicity and neurotoxicity in rodents. Current medicinal chemistry, 25(3), 391-403. | М21 |
| 10. | **Selakovic, D.**, Joksimovic, J., Zaletel, I., Puskas, N., Matovic, M., & Rosic, G. (2017). The opposite effects of nandrolone decanoate and exercise on anxiety levels in rats may involve alterations in hippocampal parvalbumin–positive interneurons. PLoS One, 12(12), e0189595. | М21 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 155 |
| Total number of papers in SCI (SSCI) indexed journals | 30 |
| Current participation in projects | National: 4 | International:  |
| Professional development |  |

|  |  |
| --- | --- |
| **Name and surname** | Goran Mihajlović |
| **Position** | Full Professor |
| **Narrow scientific or artistic field** | Psychiatry |
| **Academic career** | **Year**  | **Institution**  | **Scientific field** | **Narrow scientific field** |
| Appointment to the Position | 2010. | Medical Faculty, University in Kragujevac | Psychiatry |  |
| Doctoral degree | 1999. | Medical Faculty, University in Kragujevac | Medicine |  |
| Magister degree | 1994. | Medical Faculty, University in Belgrade | Medicine |  |
| Diploma | 1986. | Medical Faculty, University in Belgrade | Medicine |  |
| **List of courses that the teacher holds in doctoral studies** |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID311 | Applied and clinical research in neuroscience | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | **Mihajlović, G.**, Vojvodić, P., Vojvodić, J., Andonov, A., & Hinić, D. (2021). Validation of the Montgomery-Åsberg depression rating scale in depressed patients in Serbia. Srpski arhiv za celokupno lekarstvo, (00), 4-4. | М23 |
| 2. | Jovic, J., Pantovic-Stefanovic, M., Mitkovic-Voncina, M., Dunjic-Kostic, B., **Mihajlovic, G.**, Milovanovic, S., Ivkovic, M., Fiorillo, A. & Latas, M. (2020). Internet use during coronavirus disease of 2019 pandemic: Psychiatric history and sociodemographics as predictors. Indian journal of psychiatry, 62(Suppl 3), S383- S390. | М23 |
| 3. | Wasserman, D., Apter, G., Baeken, C., Bailey, S., Balazs, J., Bec, C., Bienkowski, P., Bobes, J., Ortiz, M. F. B., Brunn, H., Bôke, Ö., Camilleri, N., Carpiniello, B., Chihai, J., Chkonia, E., Courtet, P., Cozman, D., David, M., Dom, G., Esanu, A., Falkai, P., Flannery, W., Gasparyan, K., Gerlinger, G., Gorwood, P., Gudmundss, O., Hanon, C., Heinz, A., Dos Santos, M. J. H., Hedlund, A., Ismayilov, F., Ismayilov, N., Isometsä, E. T., Izakova, L., Kleinberg, A., Kurimay, T., Reitan, S. K., Lecic -Tosevski, D., Lehmets, A., Lindberg, N., Lundblad, K. A., Lynch, G., Maddock, C., Malt, U. F., Martin, L., Martynikhin, I., Maruta, N. O., Matthys, F., Mazaliauskiene, R., **Mihajlovic, G.**, Peles, A. M., Miklavic, V., Mohr, P., Ferrandis, M. M., Musalek, M., Neznanov, N., Ostorharics-Horvath, G., Pajević, I., Popova, A., Pregelj, P., Prinsen, E., Rados, C., Roig, A., Kuzman, M. R., Samochowiec, J., Sartorius, N., Savenko, Y., Skugarevsky, O., Slodecki, E., Soghoyan, A., Stone, D. S., Taylor-East, R., Terauds, E., Tsopelas, C., Tudose, C., Tyano, S., Vallon, P., Van der Gaag, R. J., Varandas, P., Vavrusova, L., Voloshyn, P., Wancata, J., Wise, J., Zemishlany, Z., Öncü, F., Vahip, S. (2020) Compulsory admissions of patients with mental disorders: Sta te of the art on ethical and legislative aspects in 40 European countries. Eur Psychiatry, 63(1), e82. | М21 |
| 4. | Vojvodić, P., Andonov, A., Stevanović, D., Peruničić-Mladenović, I., **Mihajlović, G.**, & Vojvodić, J. (2020). Montgomery-Asberg depression rating scale in clinical practice: Psychometric properties on Serbian patients. Vojnosanitetski pregled, 77(11): 1119–1125. | М23 |
| 5. | Jovanović, V. R., Hinić, D., Džamonja-Ignjatović, T., Stamatović-Gajić, B., Gajić, T., & **Mihajlović, G.** (2021). Individual-psychological factors and perception of social support in burnout syndrome. Vojnosanitetski pregled. | М23 |
| 6. | Simić-Vukomanović, I., **Mihajlović, G.**, Milovanović, D., Kocić, S., Radević, S., Đukić, S., Vukomanović, V. & Đukić-Dejanović, S. (2018). The impact of somatic symptoms on depressive and anxiety symptoms among university students in central Serbia. Vojnosanitetski pregled, 75(6), 582-588. | М23 |
| 7. | Simić-Vukomanović, I., **Mihajlović, G.**, Kocić, S., Đonović, N., Banković, D., Vukomanović, V., & Đukić-Dejanović, S. (2016). The prevalence and socioeconomic correlates of depressive and anxiety symptoms in a group of 1,940 Serbian university students. Vojnosanitetski pregled, 73(2), 169-177. | М23 |
| 8. | Stefanović, V., **Mihajlović, G.**, Nenadović, M., Đukić-Dejanović, S., Borovčanin, M., & Trajković, G. (2015). The effect of antipsychotic drugs on nonspecific inflammation markers in the first episode of schizophrenia. Vojnosanitetski pregled, 72(12), 1085-1092. | М23 |
| 9. | Živković, N., Marković, M., **Mihajlović, G.**, & Jovanović, M. (2014). Surgical treatment of intradiploic epidermoid cyst treated as depression. Srpski arhiv za celokupno lekarstvo, 142(1-2), 67-71. | М23 |
| 10. | Đukić-Dejanović, S., Lečić-Toševski, D., **Mihajlović, G.**, Borovčanin, M., Simić-Vukomanović, I. (2011) Obim savremenih psihofarmakoterapijskih mogućnosti: aktuelno ostvarivanje u Srbiji. Srp Arh Celokup Lek, 139(Suppl 1), 10-13. | М23 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 89 |
| Total number of papers in SCI (SSCI) indexed journals | 25 |
| Current participation in projects | National: 2 | International:  |
| Professional development  |  |

|  |  |
| --- | --- |
| **Name and surname** | Gvozden Rosić |
| **Position** | Full Professor |
| **Narrow scientific or artistic field** | Physiology |
| **Academic career** | **Year**  | **Institution**  | **Scientific field** | **Narrow scientific field** |
| Appointment to the Position | 2010. | Medical Faculty, University of Kragujevac | Physiology |  |
| Doctoral degree | 2000. | Medical Faculty, University of Kragujevac | Medicine |  |
| Magister degree | 1996. | Medical Faculty, University of Kragujevac | Medicine |  |
| Diploma | 1990. | Medical Faculty, University of Belgrade | Medicine |  |
| **List of courses that the teacher holds in doctoral studies** |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID311 | Applied and clinical research in neuroscience | Doctoral academic studies |
| 2. | 21.BID213 | Basic research in neuroscience | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Arsenijevic, N., Selakovic, D., Katanic Stankovic, J. S., Mihailovic, V., Mitrovic, S., Milenkovic, J., Milanovic, P., Vasovic, M., Markovic, S.D., Zivanovic, M. and Grujic, J., Jovicic, N., & **Rosic, G.** (2021). The Beneficial Role of Filipendula ulmaria Extract in Prevention of Prodepressant Effect and Cognitive Impairment Induced by Nanoparticles of Calcium Phosphates in Rats. Oxidative medicine and cellular longevity, 2021, 6670135. | M21 |
| 2. | Stankovic, J. S. K., Selakovic, D., Mihailovic, V., & **Rosic, G.** (2020). Antioxidant Supplementation in the Treatment of Neurotoxicity Induced by Platinum-Based Chemotherapeutics—A Review. International Journal of Molecular Sciences, 21(20), 7753. | M21 |
| 3. | Srejovic, I., Selakovic, D., Jovicic, N., Jakovljević, V., Lukic, M. L., & **Rosic, G.** (2020). Galectin-3: Roles in Neurodevelopment, Neuroinflammation, and Behavior. Biomolecules, 10(5), 798. | М22 |
| 4. | Vukovic, R., Kumburovic, I., Joksimovic Jovic, J., Jovicic, N., Katanic Stankovic, J. S., Mihailovic, V., Djuric, M., Velickovic, S., Arnaut, A., Selakovic, D., & **Rosic, G.** (2019). N-acetylcysteine protects against the anxiogenic response to cisplatin in rats. Biomolecules, 9(12), 892. | М23 |
| 5. | Katanić, J., Pferschy-Wenzig, E. M., Mihailović, V., Boroja, T., Pan, S. P., Nikles, S., Kretschmer, N., **Rosić, G.**, Selaković, D., Joksimović, J., & Bauer, R. (2018). Phytochemical analysis and anti-inflammatory effects of Filipendula vulgaris Moench extracts. Food and chemical toxicology, 122, 151-162. | М21 |
| 6. | Kumburovic, I., Selakovic, D., Juric, T., Jovicic, N., Mihailovic, V., Stankovic, J. K., Sreckovic, N., Kumburovic, D., Jakovljevic, V., & **Rosic, G.** (2019). Antioxidant effects of Satureja hortensis L. Attenuate the Anxiogenic effect of cisplatin in rats. Oxidative medicine and cellular longevity, 2019, 8307196. | M21 |
| 7. | Boroja, T., Katanić, J., **Rosić, G.**, Selaković, D., Joksimović, J., Mišić, D., Stanković, V., Jovičić, N. & Mihailović, V. (2018). Summer savory (Satureja hortensis L.) extract: Phytochemical profile and modulation of cisplatin-induced liver, renal and testicular toxicity. Food and Chemical Toxicology, 118, 252-263. | M21 |
| 8. | **Rosic, G.**, Joksimovic, J., Selakovic, D., Jakovljevic, V., Zivkovic, V., Srejovic, I., Djuric, M., & Djuric, D. (2018). The beneficial effects of sulfur-containing amino acids on cisplatininduced cardiotoxicity and neurotoxicity in rodents. Current medicinal chemistry, 25(3), 391-403. | М21 |
| 9. | Selakovic, D., Joksimovic, J., Zaletel, I., Puskas, N., Matovic, M., & **Rosic, G.** (2017). The opposite effects of nandrolone decanoate and exercise on anxiety levels in rats may involve alterations in hippocampal parvalbumin–positive interneurons. PLoS One, 12(12), e0189595. | М21 |
| 10. | Joksimovic, J., Selakovic, D., Matovic, M., Zaletel, I., Puskas, N., & **Rosic, G.** (2017). The role of neuropeptide-Y in nandrolone decanoate-induced attenuation of antidepressant effect of exercise. PloS one, 12(6), e0178922. | М21 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 279 |
| Total number of papers in SCI (SSCI) indexed journals | 41 |
| Current participation in projects | National: 1 | International: 1 |
| Professional development  |  |

|  |  |
| --- | --- |
| Name and surname | Irena Tanasković |
| Position | Full Professor |
| Narrow scientific or artistic field | Histology and embryology |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2017. | Faculty of Medical Sciences, University of Kragujevac | Medicine | Histology and Embriology |
| Doctoral degree | 2006. | Medical Faculty University of Kragujevac | Medicine |  |
| Magister degree | 2003. | Medical Faculty University of Belgrade | Medicine | Cytology, Histochemistry, Electron Microscopy and Embryology |
| Diploma | 1999. | Medical Faculty University of Kragujevac | Medicine |  |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID310 | Histolab and microimaging | Doctoral academic studies |
| 2. | 21.BID102 | Cells, tissues, organs | Doctoral academic studies |
| 3. | 21.BID101 | Methodology of scientific research | Doctoral academic studies |
| 4. | 21.BID213 | Basic research in neuroscience | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | **Tanaskovic, I.**, Ilic, S., Jurisic, V., Lackovic, M., Milosavljevic, Z., Stankovic, V., Aleksic, A., & Sazdanovic, M. (2019). Histochemical, immunohistochemical and ultrastructural analysis of aortic wall in neonatal coarctation. Rom J Morphol Embryol, 60(4), 1291-1298. | М23 |
| 2. | Nogo‐Živanović, D., Kanjevac, T., Bjelović, L., Ristić, V., & **Tanasković, I.** (2019). The effect of final irrigation with MTAD, QMix, and EDTA on smear layer removal and mineral content of root canal dentin. Microscopy research and technique, 82(6), 923-930. | М21 |
| 3. | Milovanovic, J., Popovic, B., Milovanovic, M., Kvestak, D., Arsenijevic, A., Stojanovic, B., **Tanaskovic, I.**, Krmpotic, A., Arsenijevic, N., Jonjic, S. & Lukic, M. L. (2017). Murine cytomegalovirus infection induces susceptibility to EAE in resistant BALB/c mice. Frontiers in immunology, 8, 192. | М21 |
| 4. | Filipovic, N., Saveljic, I., Jovicic, N., **Tanaskovic, I.**, & Zdravkovic, N. (2016). Computational and experimental model of electroporation for human aorta. Acta of bioengineering and biomechanics, 18(4), 15-20. | М23 |
| 5. | Vukcevic, G., Volarevic, V., Raicevic, S., **Tanaskovic, I.**, Milicic, B., Vulovic, T., & Arsenijevic, S. (2014). A novel semi-quantitative method for measuring tissue bleeding. Histol Histopathol, 29(3),353-360 | М23 |
| 6. | Filipovic, N., Nikolic, D., Saveljic, I., **Tanaskovic, I.**, Zdravkovic, N., Zivanovic, A., Arsenijevic, P., Jeremic, B., & Arsenijevic, S. (2013). Computer simulation of cervical tissue response to a hydraulic dilator device. Theoretical Biology and Medical Modelling, 10(1), 64. | М22 |
| 7. | Milosavljevic, Z., Zelen, I., **Tanaskovic, I.**, & Sazdanovic, M. (2013). Morphometric analysis of muscularis proper and myenteric plexus of the normal human oesophagus. Age related changes. Folia morphologica, 72(3), 223-229. | М23 |
| 8. | Filipovic, N., Rosic, M., **Tanaskovic, I.**, Milosevic, Z., Nikolic, D., Zdravkovic, N., Peulic, A., Kojic, M.R., Fotiadis, D.I., & Parodi, O. (2011). ARTreat project: three-dimensional numerical simulation of plaque formation and development in the arteries. IEEE Transactions on Information Technology in Biomedicine, 16(2), 272-278. | М21 |
| 9. | **Tanasković, I.**, Lačković, V., Gluvić, Z., Lačković, M., Nešić, V., Stanković, V., Labudović-Borović, M., Radović, S., & Ašanin, B. (2011). The influence of extracellular matrix composition on the pathogenesis of coronary atherosclerosis. Archives of Biological Sciences, 63(2), 333-343. | М23 |
| 10. | **Vuković, I.**, Lačković, V., Raičević, R., Lazić, Z., Milosavljević, Z., Kastratović, T., Mladenović-Mihailović, A., Stanković, V., & Lačković, M. (2010). Recent views on cytohistological characteristics and pathogenic mechanisms of atherosclerotic lesions types I, II and III. Vojnosanitetski pregled, 67(12), 1007-1014. | М23 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 108 |
| Total number of papers in SCI (SSCI) indexed journals | 25 |
| Current participation in projects | National: 2 | International:  |
| Professional development |  |
| Other information you consider relevant: The mentor is two defended and one registered doctoral dissertation and one defended Master degree's thesis in the field of Bioengineering. He is the co-author of two textbooks and one practicum for the subject Histology and Embryology for IASM students, co-author of the monograph "Histology and Embryology of the Cardiovascular and Lymphatic Vascular System - Clinical Significance", chapters in the textbook for postgraduate teaching "Cardiology" (editors Ostojić M, Kles Kanjuh Vanju B), as well as several chapters in books, monographs and thematic collections of national and international importance. |

|  |  |
| --- | --- |
| Name and surname | Isidora Milosavljević |
| Position | Assistant Professor |
| Narrow scientific or artistic field | Pharmaceutical biotechnology |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2018. | Faculty of Medical Sciences, University of Kragujevac | Pharmaceutical Biotechnology |  |
| Doctoral degree | 2017. | Faculty of Medical Sciences, University of Kragujevac | Medicine |  |
| Diploma | 2011. | Faculty of Medical Sciences, University of Kragujevac | Pharmacy |  |
| List of courses that the teacher holds in doctoral studies |
| No. | code | Course name | Type of studies |
| 1. | 21.BID309 | Experimental animal models in bioengineering | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Mihajlovic, K., **Milosavljevic, I.**, Jeremic, J., Savic, M., Sretenovic, J., Srejovic, I., Zivkovic, V., Jovicic, N., Paunovic, M., Bolevich, S. and Jakovljevic, V., & Novokmet, S. (2021). Redox and apoptotic potential of novel ruthenium complexes in rat blood and heart. Canadian Journal of Physiology and Pharmacology, 99(2), 207-217. | М23 |
| 2. | Cikiriz, N., **Milosavljevic, I.**, Jakovljevic, B., Bolevich, S., Jeremic, J., Nikolic Turnic, T., Mitrovic, M., Srejovic, I., Bolevich, S. & Jakovljevic, V. (2021). The influences of chokeberry extract supplementation on redox status and body composition in handball players during competition phase. Canadian Journal of Physiology and Pharmacology, 99(1), 42-47. | М23 |
| 3. | Lalovic, D., Jakovljevic, V., Radoman, K., Bradic, J., Jeremic, N., Vranic, A., **Milosavljevic, I.**, Jeremic, J., Srejovic, I., Turnic, T.N. and Zivkovic, V., Stanojevic, D., Bolevich, S., & Djuric, D. M. (2020). The impact of low mineral content water on cardiac function in diabetic rats: focus on oxidative stress. Molecular and cellular biochemistry, 472(1), 135-144. | М23 |
| 4. | Govoruskina, N., Jakovljevic, V., Zivkovic, V., **Milosavljevic, I.**, Jeremic, J., Bradic, J., Bolevich, S., Omarov, I.A., Djuric, D., Radonjic, K. and Andjic, M., Draginic, N., Stojanovic, A., & Srejovic, I. (2020). The Role of Cardiac N-Methyl-D-Aspartate Receptors in Heart Conditioning—Effects on Heart Function and Oxidative Stress. Biomolecules, 10(7), 1065. | М22 |
| 5. | Ristic, J., Folic, M., Radonjic, K., Rosic, M. I., Bolevich, S., Alisultanovich, O. I., Draginic, N., Andjic, M., Jeremic, J., **Milosavljevic, I.** and Zivkovic, V., & Jakovljevic, V. (2020). Preconditioning with PDE1 Inhibitors and Moderate-Intensity Training Positively Affect Systemic Redox State of Rats. Oxidative medicine and cellular longevity, 2020. | М21 |
| 6. | Plecevic, S., Jakovljevic, B., Savic, M., Zivkovic, V., Nikolic, T., Jeremic, J., **Milosavljevic, I.**, Srejovic, I., Tasic, N., Djuric, D., & Jakovljevic, V. (2018). Comparison of short-term and medium-term swimming training on cardiodynamics and coronary flow in high salt-induced hypertensive and normotensive rats. Molecular and cellular biochemistry, 447(1), 33-45. | М23 |
| 7. | Smigic, J., Sabo, T., Vranic, A., Zivkovic, V., Srejovic, I., Turnic, T. N., **Milosavljevic, I.**, Poljarevic, J., Krivokapic, M., Bolevich, S., & Jakovljevic, V. L. (2019). Chronic effects of platinum (IV) complex and its diamine ligand on rat heart function: comparison with cisplatin. Molecular and cellular biochemistry, 458(1), 89-98. | М23 |
| 8. | Jakovljevic, V., Milic, P., Bradic, J., Jeremic, J., Zivkovic, V., Srejovic, I., Nikolic Turnic, T., **Milosavljevic, I.**, Jeremic, N., Bolevich, S. and Labudovic Borovic, M., Mitrović, M., & Vucic, V. (2019). Standardized aronia melanocarpa extract as novel supplement against metabolic syndrome: A rat model. International journal of molecular sciences, 20(1), 6. | М21 |
| 9. | Radoman, K., Živković, V., Nikolić, T., **Stojić, I.**, Raičević, D., Jeremić, J., Srejović, I. & Jakovljević, V. (2018). Differences between α-linolenic and linoleic acid supplementation on the redox status and cardiodynamic parameters of male and female Wistar albino rats. Archives of Biological Sciences, 70(2), 223-231. | М23 |
| 10. | Babic, G. M., Markovic, S. D., Varjacic, M., Djordjevic, N. Z., Nikolic, T., **Stojic, I.**, & Jakovljevic, V. (2018). Estradiol decreases blood pressure in association with redox regulation in preeclampsia. Clinical and Experimental Hypertension, 40(3), 281-286. | М23 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 67 |
| Total number of papers in SCI (SSCI) indexed journals | 33 |
| Current participation in projects | National: 2 | Internatonal:  |
| Professional development |  |

|  |  |
| --- | --- |
| Name and surname | Ivan Srejović |
| Position | Assistant Professor |
| Narrow scientific or artistic field | Physiology |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2017. | Faculty of Medical Sciences, University of Kragujevac | Physiology |  |
| Doctoral degree | 2017. | Faculty of Medical Sciences, University of Kragujevac | Medicine |  |
| Diploma | 2012. | Faculty of Medical Sciences, University of Kragujevac | Medicine |  |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID309 | Experimental animal models in bioengineering | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Bradic, J., Milosavljevic, I., Bolevich, S., Litvitskiy, P. F., Jeremic, N., Bolevich, S., Zivkovic, V., **Srejovic, I.**, Jeremic, J., Jovicic, N. and Mitrovic, S., & Jakovljevic, V. (2020). Dipeptidyl peptidase 4 inhibitors attenuate cardiac ischaemia–reperfusion injury in rats with diabetes mellitus type 2. Clinical and Experimental Pharmacology and Physiology. | М22 |
| 2. | Jeremic, J. N., Jakovljevic, V. L., Zivkovic, V. I., **Srejovic, I. M.**, Bradic, J. V., Milosavljevic, I. M., Mitrovic, S.L., Jovicic, N.U., Bolevich, S.B., Svistunov, A.A. and Tyagi, S.C., & Jeremic, N. S. (2020). Garlic Derived Diallyl Trisulfide in Experimental Metabolic Syndrome: Metabolic Effects and Cardioprotective Role. International Journal of Molecular Sciences, 21(23), 9100. | М21 |
| 3. | Mihajlovic, K., Milosavljevic, I., Jeremic, J., Savic, M., Sretenovic, J., **Srejovic, I.**, Zivkovic, V., Jovicic, N., Paunovic, M., Bolevich, S. and Jakovljevic, V., & Novokmet, S. (2021). Redox and apoptotic potential of novel ruthenium complexes in rat blood and heart. Canadian Journal of Physiology and Pharmacology, 99(2), 207-217. | М23 |
| 4. | Rankovic, M., Jeremic, N., **Srejovic, I.**, Radonjic, K., Stojanovic, A., Glisic, M., Bolevich, S., Bolevich, S. & Jakovljevic, V. (2021). Dipeptidyl peptidase-4 inhibitors as new tools for cardioprotection. Heart Failure Reviews, 26(2), 437-450. | М22 |
| 5. | Cikiriz, N., Milosavljevic, I., Jakovljevic, B., Bolevich, S., Jeremic, J., Nikolic Turnic, T., Mitrovic, M., **Srejovic, I.**, Bolevich, S. & Jakovljevic, V. (2021). The influences of chokeberry extract supplementation on redox status and body composition in handball players during competition phase. Canadian Journal of Physiology and Pharmacology, 99(1), 42-47. | М23 |
| 6. | Lalovic, D., Jakovljevic, V., Radoman, K., Bradic, J., Jeremic, N., Vranic, A., Milosavljevic, I., Jeremic, J., **Srejovic, I.**, Turnic, T.N. and Zivkovic, V., Stanojevic, D., Bolevich, S., & Djuric, D. M. (2020). The impact of low mineral content water on cardiac function in diabetic rats: focus on oxidative stress. Molecular and cellular biochemistry, 472(1), 135-144. | М23 |
| 7. | **Srejovic, I.**, Selakovic, D., Jovicic, N., Jakovljević, V., Lukic, M. L., & Rosic, G. (2020). Galectin-3: Roles in Neurodevelopment, Neuroinflammation, and Behavior. Biomolecules, 10(5), 798. | М22 |
| 8. | Mitrovic, M., Turnic, T. N., Zivkovic, V., Pavic, Z., Vranic, A., **Srejovic, I.**, Sretenovic, J., Bolevich, S., & Jakovljevic, V. L. (2020). High-protein diet and omega-3 fatty acids improve redox status in olanzapine-treated rats. Molecular and cellular biochemistry, 1-10. | М23 |
| 9. | Bradic, J., Jeremic, N., Petkovic, A., Jeremic, J., Zivkovic, V., **Srejovic, I.**, Sretenovic, J., Matic, S., Jakovljevic, V. & Tomovic, M. (2020). Cardioprotective effects of Galium verum L. extract against myocardial ischemia-reperfusion injury. Archives of physiology and biochemistry, 126(5), 408-415. | М23 |
| 10. | Jakovljevic, B., Nikolic Turnic, T., Jeremic, N., Savic, M., Jeremic, J., **Srejovic, I.**, Belic, B., Ponorac, N., Jakovljevic, V. & Zivkovic, V. (2019). The impact of high-intensity interval training and moderate-intensity continuous training regimes on cardiodynamic parameters in isolated heart of normotensive and hypertensive rats. Canadian journal of physiology and pharmacology, 97(7), 631-637. | М23 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 218 |
| Total number of papers in SCI (SSCI) indexed journals | 60 |
| Current participation in projects | National: 4 | International:  |
| Professional development |  |

|  |  |
| --- | --- |
| Name and surname | Jovana Bradić |
| Position | Assistant Professor |
| Narrow scientific or artistic field | Pharmaceutical technology |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2020. | Faculty of Medical Sciences, University of Kragujevac | Pharmaceutical Technology | Pharmaceutical Technology |
| Doctoral degree | 2019. | Faculty of Medical Sciences, University of Kragujevac | Medicine |  |
| Diploma | 2015. | Faculty of Medical Sciences, University of Kragujevac | Pharmacy |  |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID211 | Basic cardiovascular research in bioengineering | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | **Bradic, J.**, Petkovic, A., Simonovic, N., Radovanovic, M., Jeremic, J., Zivkovic, V., Mitrovic, S., Bolevich, S., Jakovljevic, V., Sretenovic, J., & Srejovic, I. (2019). Preconditioning with hyperbaric oxygen and calcium and potassium channel modulators in the rat heart. Undersea and Hyperbaric Medicine, 46(4), 483-494. | М23 |
| 2. | Jakovljevic, V., Milic, P., **Bradic, J.**, Jeremic, J., Zivkovic, V., Srejovic, I., Nikolic Turnic, T., Milosavljevic, I., Jeremic, N., Bolevich, S. and Labudovic Borovic, M., Mitrović, M., & Vucic, V. (2019). Standardized aronia melanocarpa extract as novel supplement against metabolic syndrome: A rat model. International journal of molecular sciences, 20(1), 6. | М21 |
| 3. | **Bradic, J.**, Zivkovic, V., Srejovic, I., Jakovljevic, V., Petkovic, A., Turnic, T. N., Jeremic, J., Jeremic, N., Mitrovic, S., Sobot, T. and Ponorac, N., Ravic, M., & Tomovic, M. (2019). Protective effects of Galium verum L. extract against cardiac ischemia/reperfusion injury in spontaneously hypertensive rats. Oxidative medicine and cellular longevity, 2019. | M21 |
| 4. | Jeremic, J. N., Jakovljevic, V. L., Zivkovic, V. I., Srejovic, I. M., **Bradic, J. V.**, Bolevich, S., Turnic, T.R.N., Mitrovic, S.L., Jovicic, N.U., Tyagi, S.C., & Jeremic, N. S. (2019). The cardioprotective effects of diallyl trisulfide on diabetic rats with ex vivo induced ischemia/reperfusion injury. Molecular and cellular biochemistry, 460(1), 151-164. | M23 |
| 5. | **Bradic, J.**, Milosavljevic, I., Bolevich, S., Litvitskiy, P. F., Jeremic, N., Bolevich, S., Zivkovic, V., Srejovic, I., Jeremic, J., Jovicic, N. and Mitrovic, S., & Jakovljevic, V. (2020). Dipeptidyl peptidase 4 inhibitors attenuate cardiac ischaemia–reperfusion injury in rats with diabetes mellitus type 2. Clinical and Experimental Pharmacology and Physiology. | М22 |
| 6. | **Bradic, J.**, Jeremic, N., Petkovic, A., Jeremic, J., Zivkovic, V., Srejovic, I., Sretenovic, J., Matic, S., Jakovljevic, V. & Tomovic, M. (2020). Cardioprotective effects of Galium verum L. extract against myocardial ischemia-reperfusion injury. Archives of physiology and biochemistry, 126(5), 408-415. | М23 |
| 7. | Lalovic, D., Jakovljevic, V., Radoman, K., **Bradic, J.**, Jeremic, N., Vranic, A., Milosavljevic, I., Jeremic, J., Srejovic, I., Turnic, T.N. and Zivkovic, V., Stanojevic, D., Bolevich, S., & Djuric, D. M. (2020). The impact of low mineral content water on cardiac function in diabetic rats: focus on oxidative stress. Molecular and cellular biochemistry, 472(1), 135-144. | М23 |
| 8. | Govoruskina, N., Jakovljevic, V., Zivkovic, V., Milosavljevic, I., Jeremic, J., **Bradic, J.**, Bolevich, S., Omarov, I.A., Djuric, D., Radonjic, K. and Andjic, M., Draginic, N., Stojanovic, A., & Srejovic, I. (2020). The Role of Cardiac N-Methyl-D-Aspartate Receptors in Heart Conditioning—Effects on Heart Function and Oxidative Stress. Biomolecules, 10(7), 1065. | М22 |
| 9. | Tepić, S., Petkovic, A., Srejovic, I., Jeremić, N., Zivkovic, V., Loncarević, S., **Bradic, J.**, Jakovljevic, V. & Zivković, M. (2018). Impact of hyperbaric oxygenation on oxidative stress in diabetic patients. Undersea and Hyperbaric Medicine. | М23 |
| 10. | Radojevic-Popovic, R., Zivkovic, V., Jeremic, N., Sretenovic, J., Velicanin, N., **Bradic, J.**, & Jakovljevic, V. (2015). An evaluation of the redox state in professional scuba divers. Undersea Hyperb Med, 42(5), 409-416. | М23 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 55 |
| Total number of papers in SCI (SSCI) indexed journals | 16 |
| Current participation in projects | National: 4 | Internatonal:  |
| Professional development |  |

|  |  |
| --- | --- |
| Name and surname | Jovana Jeremić |
| Position | Assistant Professor |
| Narrow scientific or artistic field | Pharmaceutical biotechnology |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2020. | Faculty of Medical Sciences, University of Kragujevac | Pharmaceutical Biotechnology | Pharmaceutical Biotechnology |
| Doctoral degree | 2019. | Faculty of Medical Sciences, University of Kragujevac | Medicine |  |
| Diploma | 2015. | Faculty of Medical Sciences, University of Kragujevac | Pharmacy |  |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID211 | Basic cardiovascular research in bioengineering | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Bradic, J., Milosavljevic, I., Bolevich, S., Litvitskiy, P. F., Jeremic, N., Bolevich, S., Zivkovic, V., Srejovic, I., **Jeremic, J.**, Jovicic, N. and Mitrovic, S., & Jakovljevic, V. (2020). Dipeptidyl peptidase 4 inhibitors attenuate cardiac ischaemia–reperfusion injury in rats with diabetes mellitus type 2. Clinical and Experimental Pharmacology and Physiology. | М22 |
| 2. | **Jeremic, J. N.**, Jakovljevic, V. L., Zivkovic, V. I., Srejovic, I. M., Bradic, J. V., Milosavljevic, I. M., Mitrovic, S.L., Jovicic, N.U., Bolevich, S.B., Svistunov, A.A. and Tyagi, S.C., & Jeremic, N. S. (2020). Garlic Derived Diallyl Trisulfide in Experimental Metabolic Syndrome: Metabolic Effects and Cardioprotective Role. International Journal of Molecular Sciences, 21(23), 9100. | М21 |
| 3. | Mihajlovic, K., Milosavljevic, I., **Jeremic, J.**, Savic, M., Sretenovic, J., Srejovic, I., Zivkovic, V., Jovicic, N., Paunovic, M., Bolevich, S. and Jakovljevic, V., & Novokmet, S. (2021). Redox and apoptotic potential of novel ruthenium complexes in rat blood and heart. Canadian Journal of Physiology and Pharmacology, 99(2), 207-217. | М23 |
| 4. | Govoruskina, N., Jakovljevic, V., Zivkovic, V., Milosavljevic, I., **Jeremic, J.**, Bradic, J., Bolevich, S., Omarov, I.A., Djuric, D., Radonjic, K. and Andjic, M., Draginic, N., Stojanovic, A., & Srejovic, I. (2020). The Role of Cardiac N-Methyl-D-Aspartate Receptors in Heart Conditioning—Effects on Heart Function and Oxidative Stress. Biomolecules, 10(7), 1065. | М22 |
| 5. | Pušica, I., Đorđević, D., Bradić, J., **Jeremić, J.**, Srejović, I., Živković, V., & Jakovljević, V. (2021). The effects of acute and chronic Red Bull® consumption on cardiodynamics and oxidative stress in coronary effluent of trained rats. Vojnosanitetski pregled, 78(1), 47-55. | М23 |
| 6. | Lalovic, D., Jakovljevic, V., Radoman, K., Bradic, J., Jeremic, N., Vranic, A., Milosavljevic, I., **Jeremic, J.**, Srejovic, I., Turnic, T.N. and Zivkovic, V., Stanojevic, D., Bolevich, S., & Djuric, D. M. (2020). The impact of low mineral content water on cardiac function in diabetic rats: focus on oxidative stress. Molecular and cellular biochemistry, 472(1), 135-144. | М23 |
| 7. | Jakovljevic, V., Milic, P., **Bradic, J.**, Jeremic, J., Zivkovic, V., Srejovic, I., Nikolic Turnic, T., Milosavljevic, I., Jeremic, N., Bolevich, S. and Labudovic Borovic, M., Mitrović, M., & Vucic, V. (2019). Standardized aronia melanocarpa extract as novel supplement against metabolic syndrome: A rat model. International journal of molecular sciences, 20(1), 6. | М21 |
| 8. | Bradic, J., Zivkovic, V., Srejovic, I., Jakovljevic, V., Petkovic, A., Turnic, T. N., **Jeremic, J.**, Jeremic, N., Mitrovic, S., Sobot, T. and Ponorac, N., Ravic, M., & Tomovic, M. (2019). Protective effects of Galium verum L. extract against cardiac ischemia/reperfusion injury in spontaneously hypertensive rats. Oxidative medicine and cellular longevity, 2019. | M21 |
| 9. | Jeremic, J. N., Jakovljevic, V. L., Zivkovic, V. I., Srejovic, I. M., **Bradic, J. V.**, Bolevich, S., Turnic, T.R.N., Mitrovic, S.L., Jovicic, N.U., Tyagi, S.C., & Jeremic, N. S. (2019). The cardioprotective effects of diallyl trisulfide on diabetic rats with ex vivo induced ischemia/reperfusion injury. Molecular and cellular biochemistry, 460(1), 151-164. | M23 |
| 10. | Bradic, J., Jeremic, N., Petkovic, A., **Jeremic, J.**, Zivkovic, V., Srejovic, I., Sretenovic, J., Matic, S., Jakovljevic, V. & Tomovic, M. (2020). Cardioprotective effects of Galium verum L. extract against myocardial ischemia-reperfusion injury. Archives of physiology and biochemistry, 126(5), 408-415. | М23 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 106 |
| Total number of papers in SCI (SSCI) indexed journals | 39 |
| Current participation in projects | National: 4 | Internatonal:  |
| Professional development |  |

|  |  |
| --- | --- |
| Name and surname | Maja Sazdanović |
| Position | Full Professor |
| Narrow scientific or artistic field | Histology and Embriology |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2016. | Faculty of Medical Sciences | Medicine | Histology and Embriology |
| Doctoral degree | 2012. | Faculty of Medical Sciences | Medicine |  |
| Magister degree | 2003. | Medical Faculty Kragujevac | Medicine |  |
| Diploma | 1999. | Medical Faculty Kragujevac | Medicine |  |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID102 | Cells, tissues, organs | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Tanaskovic, I., Ilic, S., Jurisic, V., Lackovic, M., Milosavljevic, Z., Stankovic, V., Aleksic, A., & **Sazdanovic, M.** (2019). Histochemical, immunohistochemical and ultrastructural analysis of aortic wall in neonatal coarctation. Rom J Morphol Embryol, 60(4), 1291-1298. | М23 |
| 2. | Jovanović, J., Milovanović, D. R., Sazdanović, P., **Sazdanović, M.**, Radovanović, M., Novković, L., Zdravković, V., Zdravković, N., Simić, I., Ruzić-Zečević, D., & Janković, S. M. (2020). Risk factors profile for liver damage in cardiac inpatients. Vojnosanitetski pregled, 77(9), 934-942. | М23 |
| 3. | Lazarević, T., Petrović, D., Novković, L., Janićijević, K., Janićijević-Petrović, M. A., Vujić, A., Ljujić, B., **Sazdanović, M.** & Kovačević, Z. (2020). Assessment of volemia status using ultrasound examination of the inferior vena cava and spectroscopic bioimpendance in hemodialysis patients. Vojnosanitetski pregled, (00), 131-131. | М23 |
| 4. | Matic, S., Popovic, S., Djurdjevic, P., Todorovic, D., Djordjevic, N., Mijailovic, Z., Sazdanovic, P., Milovanovic, D., Ruzic Zecevic, D., Petrovic, M., **Sazdanovic, M.**, Zornic, N., Vukicevic, V., Petrovic, I., Matic, S., Karic Vukicevic, M., & Baskic, D. (2020). SARS-CoV-2 infection induces mixed M1/M2 phenotype in circulating monocytes and alterations in both dendritic cell and monocyte subsets. PloS one, 15(12), e0241097. | М21 |
| 5. | Milosavljevic, Z., Zelen, I., & **Sazdanovic, M.** (2014). Autonomic innervation of the periglomerular arteries. Anal Quant Cytopathol Histpathol, 36, 161-166. | М23 |
| 6. | Jovanović, J., Jeremić, D., Jovanović, B., Vulović, M., Sazdanović, P., **Sazdanović, M.**, Ognjanović, N., Stojadinović, D., Jeremić, K., Marković, N. & Živanović-Mačužić, I. (2014). Nasal morphological characteristics of the Serbian population. Archives of Biological Sciences, 66(1), 227-232. | М23 |
| 7. | **Sazdanović, М.**, Mitrović, S., Živanović-Mačužić, I., Jeremić, D., Tanasković, I., Milosavljević, Z., Maliković, A., Ognjanović, N., Sazdanović, P., Jovanović, B. and Jovanović, J., Todorović, M., & Toševski, J. (2013). Sexual dimorphism of medium-sized neurons with spines in human nucleus accumbens. Archives of Biological Sciences, 65(3), 1149-1155. | М23 |
| 8. | Milosavljevic, Z., Zelen, I., Tanaskovic, I., & **Sazdanovic, M.** (2013). Morphometric analysis of muscularis proper and myenteric plexus of the normal human oesophagus. Age related changes. Folia morphologica, 72(3), 223-229. | М23 |
| 9. | **Sazdanović, M.**, Sazdanović, P., Živanović-Mačužić, I., Jakovljević, V., Jeremić, D., Peljto, A., & Toševski, J. (2011). Neurons of human nucleus accumbens. Vojnosanitetski pregled, 68(8), 655-660. | М23 |
| 10. | Jeremić, D., Jovanović, B., Živanović-Mačužić, I., Đorđević, G., **Sazdanović, M.**, Đorđević, M., Sazdanović, P., Vulović, M., & Toševski, J. (2011). Sex dimorphism of postural parameters of the human acetabulum. Archives of Biological Sciences, 63(1), 137-143. | М23 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 44 |
| Total number of papers in SCI (SSCI) indexed journals | 12 |
| Current participation in projects | National: 2 | International:  |
| Professional development |  |

|  |  |
| --- | --- |
| Name and surname | Maja Vulović |
| Position | Full Professor |
| Narrow scientific or artistic field | Anatomy, Neuroanatomy |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2020. | Faculty of Medical Sciences | Anatomy | Neuroanatomy |
| Doctoral degree | 2008. | Medical Faculty | Anatomy | Neuroanatomy |
| Magister degree | 2005. | Medical Faculty | Anatomy | Neuroanatomy |
| Diploma | 2002. | Medical Faculty | Anatomy | Neuroanatomy |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID213 | Basic research in neuroscience | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | **Vulovic, M.**, Divac, N., & Jakovcevski, I. (2018). Confocal synaptology: synaptic rearrangements in neurodegenerative disorders and upon nervous system injury. Frontiers in neuroanatomy, 12, 11. | М22 |
| 2. | Aksic, M., Poleksic, J., Aleksic, D., Petronijevic, N., Radonjic, N. V., **Jakovcevski, M.**, Kapor, S., Divac, N., Filipovic, B.R. & Jakovcevski, I. (2021). Maternal Deprivation in Rats Decreases the Expression of Interneuron Markers in the Neocortex and Hippocampus. Frontiers in Neuroanatomy, 15, 41. | М22 |
| 3. | Divac, N., Aksić, M., Rasulić, L., **Jakovčevski, M.**, Basailović, M., & Jakovčevski, I. (2021). Pharmacology of repair after peripheral nerve injury. International Journal of Clinical Pharmacology and Therapeutics. | М23 |
| 4. | Škrbić, R., Stojiljković, M. P., Ćetković, S. S., Dobrić, S., Jeremić, D., & **Vulović, M.** (2017). Naloxone Antagonizes Soman‐induced Central Respiratory Depression in Rats. Basic & clinical pharmacology & toxicology, 120(6), 615-620. | М21 |
| 5. | Stojiljković, M. P., Škrbić, R., Jokanović, M., Kilibarda, V., Bokonjić, D., & **Vulović, M.** (2018). Efficacy of antidotes and their combinations in the treatment of acute carbamate poisoning in rats. Toxicology, 408, 113-124. | М21 |
| 6. | Stojiljković, M. P., Škrbić, R., Jokanović, M., Bokonjić, D., Kilibarda, V., & **Vulović, M.** (2019). Prophylactic potential of memantine against soman poisoning in rats. Toxicology, 416, 62-74. | М21 |
| 7. | **Vulović, M.**, Živanović-Mačužić, I., Jeremić, D., Stojadinović, D., Tanasković, I., Popović-Deušić, S., Peljto, A. & Toševski, J. (2012). Morphometric characteristics of the neurons of the human subiculum proper. Archives of Biological Sciences, 64(3), 1157-1163. | М23 |
| 8. | Aleksić, Z., Stanković, I., Živanović-Mačužić, I., Jeremić, D., Radunović, A., Milenković, Z., Stojković, A., Simović, A., Stojadinović, I. & **Vulović, M.** (2018). Treatment of subacute osteoporotic vertebral compression fractures with percutaneous vertebroplasty: A case report. Vojnosanitetski pregled, 75(10), 1049-1053. | М23 |
| 9. | Kovačević, M., Banković, I., Aksić, M., Rakić, J., Radunović, A., & **Vulović, M.** (2021). The value of Gissane's angle in the population of central Serbia. Vojnosanitetski pregled. | М23 |
| 10. | Simović, A. M., Nestorović-Tanasković, J. M., Knežević, S. M., Vuletić, B. P., Stojković, A. K., Jeremić, D. M., Jovanović, M. & **Vulović, M.** (2019). Can troponin-I be used as an independent predictor of cardiac dysfunction after supraventricular tachycardia in children with structurally normal heart?. Vojnosanitetski pregled, 76(1), 76-80. | М23 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 50 |
| Total number of papers in SCI (SSCI) indexed journals | 31 |
| Current participation in projects | National: 4 | International:  |
| Professional development | Koln, Germany, DAAD  |

|  |  |
| --- | --- |
| Name and surname | Marina Mitrović |
| Position | Full Professor |
| Narrow scientific or artistic field | Biochemistry |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2018 | Faculty of Medical Sciences | Biochemistry |  |
| Doctoral degree | 2006 | University of МcGill, Montreal, Canada | Medicine |  |
| Diploma | 1999 | University of МcGill, Montreal, Canada | Medicine |  |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID213 | Basic research in neuroscience | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Nikolic, I., Andjelkovic, M., Zaric, M., Zelen, I., Milosavljevic, Z., Canovic, P., & **Mitrovic, M.** (2018). Enhanced cytotoxicity and apoptosis by raloxifene in combination with estrogen and methotrexate in human endometrial stromal cells. Chemical biology & drug design, 91(4), 885-892. | М23 |
| 2. | Baskic, D., Vukovic, V. R., Popovic, S., Djurdjevic, P., Zaric, M., Nikolic, I., Zelen, I., **Mitrovic, M.**, Avramovic, D. & Mijailovic, Z. (2017). Cytokine profile in chronic hepatitis C: An observation. Cytokine, 96, 185-188. | М22 |
| 3. | Nikolic, I., Andjelkovic, M., Zaric, M., Zelen, I., Canovic, P., Milosavljevic, Z., & **Mitrovic, M.** (2017). Induction of mitochondrial apoptotic pathway by raloxifene and estrogen in human endometrial stromal ThESC cell line. Archives of medical science: AMS, 13(2), 293. | M21 |
| 4. | Andjelkovic, M., Jankovic, S., **Mitrovic, M.**, Mladenovic, V., Nikolic, I., Zelen, I., Zaric, M., Canovic, P., & Folic, M. (2016). Effects of cardiovascular drugs on TSH serum levels in patients on replacement therapy after thyroidectomy. International journal of clinical pharmacology and therapeutics, 54(8), 628. | М23 |
| 5. | Kastratovic, T., Arsenijevic, S., Matovic, Z., **Mitrovic, M.**, Nikolic, I., Milosavljevic, Z., Protrka, Z., & Sorak, M. (2015). Methotrexate and myotrexate induce apoptosis in human myoma fibroblasts (t hes cell line) via mitochondrial pathway. Acta Poloniae Pharmaceutica-Drug Research, 71(3), 455-64. | M23 |
| 6. | Zaric, M., **Mitrovic, M.**, Nikolic, I., Baskic, D., Popovic, S., Djurdjevic, P., Milosavljevic, Z. & Zelen, I. (2015). Chrysin induces apoptosis in peripheral blood lymphocytes isolated from human chronic lymphocytic leukemia. Anti-Cancer Agents in Medicinal Chemistry, 15(2), 189-195. | M22 |
| 7. | Nikolic, I., **Mitrovic, M.**, Zelen, I., Zaric, M., Kastratovic, T., Stanojevic, M., Nenadovic, M., & Stojanovic, T. (2013). Inhibitory role of monovalent ions on rat brain cortex adenylyl cyclase activity. Journal of enzyme inhibition and medicinal chemistry, 28(5), 1061-1066. | М23 |
| 8. | Volarevic, V., **Mitrovic, M.**, Milovanovic, M., Zelen, I., Nikolic, I., Mitrovic, S., Pejnovic, N., Arsenijevic, N., & Lukic, M. L. (2012). Protective role of IL-33/ST2 axis in Con A-induced hepatitis. Journal of hepatology, 56(1), 26-33. | M21a |
| 9. | Đorđević, M., Mitrović, S., Jovanović, B., Sazdanović, P., Folić, M., **Mitrović, M.**, & Đorđević, G. (2010). Expression of estrogen and progesterone receptors in subcutaneous endometriosis. Archives of Biological Sciences, 62(3), 547-551. | M23 |
| 10. | Nikolic, I., Kastratovic, T., Zelen, I., Zivanovic, A., Arsenijevic, S., & **Mitrovic, M.** (2010). Cytosolic pro-apoptotic SPIKE induces mitochondrial apoptosis in cancer. Biochemical and biophysical research communications, 395(2), 225-231. | M22 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 692 |
| Total number of papers in SCI (SSCI) indexed journals | 28 |
| Current participation in projects | National: 4 | International:  |
| Professional development |  |

|  |  |
| --- | --- |
| Name and surname | Nataša Zdravković |
| Position | Associate Professor |
| Narrow scientific or artistic field | Internal medicine |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2019. | Faculty of Medical Sciences | Medicine | Internal medicine |
| Doctoral degree | 2014. | Medical Faculty Kragujevac | Medicine |  |
| Diploma | 1999. | Medical Faculty Kragujevac | Medicine |  |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID212 | Digestive system research in bioengineering | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Acovic, A., Simovic Markovic, B., Gazdic, M., Arsenijevic, A., Jovicic, N., Gajovic, N., Jovanovic, M., **Zdravkovic, N.**, Kanjevac, T., Harrell, C.R. and Fellabaum, C., Dolicanin, Z., Djonov, V., Arsenijevic, N., Lukic, M. L., & Volarevic, V. (2018). Indoleamine 2, 3-dioxygenase-dependent expansion of T-regulatory cells maintains mucosal healing in ulcerative colitis. Therapeutic advances in gastroenterology, 11, 1756284818793558. | M21 |
| 2. | Jovanović, M., Gajović, N., Jurišević, M., Simović-Marković, B., Marić, V., Jovanović, M., Arsenijević, N. & **Zdravković, N.** (2019). Fecal sST2 correlates with the disease severity of ulcerative colitis. Vojnosanitetski pregled, 76(11), 1153-1161. | М23 |
| 3. | Jovanović, M., Gajović, N., **Zdravković, N.**, Jovanović, M., Jurišević, M., Vojvodić, D., Mirković, D., Milev, B., Marić, V. & Arsenijević, N. (2019). Fecal galectin-1 as a potential marker for colorectal cancer and disease severity. Vojnosanitetski pregled, 76(10), 1037-1044. | М23 |
| 4. | Grbović, V., Stefanović, S., Đukić, S., Nurković, J., **Zdravković, N.**, Parezanović-Ilić, K., Divjak, A. & Jurišić-Škevin, A. (2019). The effects of the physical procedures in patients with diabetic neuropathy. Vojnosanitetski pregled, 76(8), 787-794. | М23 |
| 5. | Vasovic, M., Gajovic, N., Brajkovic, D., Jovanovic, M., **Zdravkovaic, N.**, & Kanjevac, T. (2016). The relationship between the immune system and oral manifestations of inflammatory bowel disease: a review. Central-European journal of immunology, 41(3), 302. | M21 |
| 6. | **Zdravkovic, N.**, Pavlovic, M., Radosavljevic, G., Jovanovic, M., Arsenijevic, A., Zdravkovic, N., Maric, V., Loncarevic, S., Srzentic, Z. & Jovanovic, I. (2017). Serum levels of immunosuppressive cytokines and tumor markers in metastatic colorectal carcinoma. JBUON, 22(5), 1-8. | M23 |
| 7. | **Zdravkovic, N. D.**, Jovanovic, I. P., Radosavljevic, G. D., Arsenijevic, A. N., Zdravkovic, N. D., Mitrovic, S. L., & Arsenijevic, N. N. (2014). Potential dual immunomodulatory role of VEGF in ulcerative colitis and colorectal carcinoma. International journal of medical sciences, 11(9), 936. | М22 |
| 8. | Andjelkovic, M., Jovanovic, D. B., **Zdravkovic, N.**, & Jankovic, S. M. (2011). Gallbladder emptying in patients with major depression: a case series. Pharmacopsychiatry, 44(05), 165-168. | М22 |
| 9. | Jovanovic, M., **Zdravkovic, N.**, Jovanovic, I., Radosavljevic, G., Gajovic, N., Zdravkovic, N., Maric, V., & Arsenijevic, N. (2018). TGF-β as a marker of ulcerative colitis and disease severity. Serbian Journal of Experimental and Clinical Research, 19(3), 229-236. | М52 |
| 10. | Maric, V., Jovanovic, M., **Zdravkovic, N.**, Jovanovic, M., Gajovic, N., Jurisevic, M., & Jovanovic, I. (2018). Increased IL-33 and IL-17 in colorectal carcinoma patients with severe disease. Serbian Journal of Experimental and Clinical Research, 21(3), 239-245. | М52 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 323 |
| Total number of papers in SCI (SSCI) indexed journals | 13 |
| Current participation in projects | National: 2 | International:  |
| Professional development |  |

|  |  |
| --- | --- |
| Name and surname | Nebojša Zdravković |
| Position | Full Professor |
| Narrow scientific or artistic field | Medical Statistics and Informatics |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2017. | Faculty of Medical Sciences, University of Kragujevac | Medical sciences | Medical Statistics and Informatics |
| Doctoral degree | 2000. | Faculty of Mechanical Engineering, University of Kragujevac | Technical sciences | Biomedical Engineering |
| Magister degree | 1997. | Faculty of Mechanical Engineering, University of Kragujevac | Technical sciences | Biomedical Engineering |
| Diploma | 1994. | Faculty of Mechanical Engineering, University of Kragujevac | Technical sciences | Mechanical engineering |
| List of courses that the teacher holds in doctoral studieE |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID108 | Statistical methods for biomedical engineering | Doctoral academic studies |
| 2. | B | Informatical methods in biomedical research | Doctoral academic studies |
| 3. | V | Statistical methods in biomedical research | Doctoral academic studies |
| 4. | MZS102 | Informational technologies in health management | Doctoral academic studies |
| 5. | MZS103 | Quantitative methods in health management | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Petkovic, A., Al-Khalili, F., Antovic, A., Ammar, M., Pruner, I., Vranic, A., Soutari, N., **Zdravkovic, N.**, Malmström, R.E., Jakovljevic, V., & Antovic, J. P. (2020). Effects of rivaroxaban and dabigatran on global hemostasis in patients with atrial fibrillation. Blood Coagulation & Fibrinolysis, 31(4), 243-252. | М23 |
| 2. | Zdravkovic, N., Pavlovic, M., Radosavljevic, G., Jovanovic, M., Arsenijevic, A., **Zdravkovic, N.**, Maric, V., Loncarevic, S., Srzentic, Z. & Jovanovic, I. (2017). Serum levels of immunosuppressive cytokines and tumor markers in metastatic colorectal carcinoma. JBUON, 22(5), 1-8. | M23 |
| 3. | **Zdravkovic, N.**, Milosevic, Z., Saveljic, I., Nikolic, D., Miloradovic, V., & Filipovic, N. (2017). Three-dimensional biomechanical model of benign paroxysmal positional vertigo in the semi-circular canal. Tehnički vjesnik, 24(6), 1769-1775. | M23 |
| 4. | Cvetković, D. M., Živanović, M. N., Milutinović, M. G., Djukić, T. R., Radović, M. D., Cvetković, A. M., Filipović, N.D., & **Zdravković, N. D.** (2017). Real-time monitoring of cytotoxic effects of electroporation on breast and colon cancer cell lines. Bioelectrochemistry, 113, 85-94. | М21 |
| 5. | Cvetkovic, A., Cvetkovic, D., Stojic, V., & **Zdravkovic, N.** (2016). Length of Hospital Stay and Bed Occupancy Rates in Former Yugoslav Republics 1989–2015. Frontiers in pharmacology, 7, 417. | М21 |
| 6. | Filipovic, N., Saveljic, I., Jovicic, N., Tanaskovic, I., & **Zdravkovic, N.** (2016). Computational and experimental model of electroporation for human aorta. Acta of bioengineering and biomechanics, 18(4), 15-20. | М23 |
| 7. | Cvetkovic, A. M., Milasinovic, D. Z., Peulic, A. S., Mijailovic, N. V., Filipovic, N. D., & **Zdravkovic, N. D.** (2014). Numerical and experimental analysis of factors leading to suture dehiscence after Billroth II gastric resection. Computer methods and programs in biomedicine, 117(2), 71-79. | M21 |
| 8. | Filipovic, N., Nikolic, D., Saveljic, I., Tanaskovic, I., **Zdravkovic, N.**, Zivanovic, A., Arsenijevic, P., Jeremic, B. & Arsenijevic, S. (2013). Computer simulation of cervical tissue response to a hydraulic dilator device. Theoretical Biology and Medical Modelling, 10(1), 1-9. | M22 |
| 9. | Filipovic, N., Rosic, M., Tanaskovic, I., Milosevic, Z., Nikolic, D., **Zdravkovic, N.**, Peulic, A., Kojic, M.R., Fotiadis, D.I., & Parodi, O. (2011). ARTreat project: three-dimensional numerical simulation of plaque formation and development in the arteries. IEEE Transactions on Information Technology in Biomedicine, 16(2), 272-278. | М21 |
| 10. | Filipovic, N., Milasinovic, D., **Zdravkovic, N.**, Böckler, D., & von Tengg-Kobligk, H. (2011). Impact of aortic repair based on flow field computer simulation within the thoracic aorta. Computer methods and programs in biomedicine, 101(3), 243-252. | M21 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 271 |
| Total number of papers in SCI (SSCI) indexed journals | 21 |
| Current participation in projects | National: 1 | International: 1 |
| Professional development |  |
| Other information you consider relevant: Member of the European Society of Biomechanics (ECB), Member of the Standing Committee of the IADIS Mobile Learning International Conference. |

|  |  |
| --- | --- |
| Name and surname | Nemanja Jovičić |
| Position | Assistant Professor |
| Narrow scientific or artistic field | Histology and Embriology |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2017. | Faculty of Medical Sciences, University of Kragujevac | Histology and Embriology |  |
| Doctoral degree | 2016. | Faculty of Medical Sciences, University of Kragujevac Крагујевцу | Molecular Medicine |  |
| Diploma | 2010. | Faculty of Medical Sciences, University of Kragujevac | Medicine |  |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID213 | Basic research in neuroscience | Doctoral academic studies |
| 2. | 21.BID310 | Histolab and microimaging | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Arsenijevic, N., Selakovic, D., Katanic Stankovic, J. S., Mihailovic, V., Mitrovic, S., Milenkovic, J., Milanovic, P., Vasovic, M., Markovic, S.D., Zivanovic, M. and Grujic, J., **Jovicic, N.**, & Rosic, G. (2021). The Beneficial Role of Filipendula ulmaria Extract in Prevention of Prodepressant Effect and Cognitive Impairment Induced by Nanoparticles of Calcium Phosphates in Rats. Oxidative medicine and cellular longevity, 2021, 6670135. | M21 |
| 2. | Volarevic, V., Markovic, B. S., Jankovic, M. G., Djokovic, B., **Jovicic, N.**, Harrell, C. R., Fellabaum, C., Djonov, V., Arsenijevic, N. & Lukic, M. L. (2019). Galectin 3 protects from cisplatin-induced acute kidney injury by promoting TLR-2-dependent activation of IDO1/Kynurenine pathway in renal DCs. Theranostics, 9(20), 5976 - 6001. | М21а |
| 3. | Kumburovic, I., Selakovic, D., Juric, T., **Jovicic, N.**, Mihailovic, V., Stankovic, J. K., Sreckovic, N., Kumburovic, D., Jakovljevic, V., & Rosic, G. (2019). Antioxidant effects of Satureja hortensis L. Attenuate the Anxiogenic effect of cisplatin in rats. Oxidative medicine and cellular longevity, 2019, 8307196. | M21 |
| 4. | Joksimovic, J., Selakovic, D., **Jovicic, N.**, Mitrovic, S., Mihailovic, V., Katanic, J., Milovanovic, D. & Rosic, G. (2019). Exercise attenuates anabolic steroids-induced anxiety via hippocampal NPY and MC4 receptor in rats. Frontiers in neuroscience, 13, 172. | М21 |
| 5. | Petrovic, I., Pejnovic, N., Ljujic, B., Pavlovic, S., Miletic Kovacevic, M., Jeftic, I., Djukic, A., Draginic, N., Andjic, M., Arsenijevic, N. and Lukic, M.L., & **Jovicic, N.** (2020). Overexpression of Galectin 3 in Pancreatic β Cells Amplifies β-Cell Apoptosis and Islet Inflammation in Type-2 Diabetes in Mice. Frontiers in endocrinology, 11, 30. | M22 |
| 6. | Vukovic, R., Kumburovic, I., Joksimovic Jovic, J., **Jovicic, N.**, Katanic Stankovic, J. S., Mihailovic, V., Djuric, M., Velickovic, S., Arnaut, A., Selakovic, D., & Rosic, G. (2019). N-acetylcysteine protects against the anxiogenic response to cisplatin in rats. Biomolecules, 9(12), 892. | М23 |
| 7. | Harrell, C. R., **Jovicic, N.**, Djonov, V., & Volarevic, V. (2020). Therapeutic use of mesenchymal stem cell-derived exosomes: from basic science to clinics. Pharmaceutics, 12(5), 474. | М21 |
| 8. | Pavlovic, S., Petrovic, I., **Jovicic, N.**, Ljujic, B., Miletic Kovacevic, M., Arsenijevic, N., & Lukic, M. L. (2018). IL-33 prevents MLD-STZ induction of diabetes and attenuate insulitis in prediabetic NOD mice. Frontiers in immunology, 9, 2646. | M21 |
| 9. | Boroja, T., Katanić, J., Rosić, G., Selaković, D., Joksimović, J., Mišić, D., Stanković, V., **Jovičić, N.** & Mihailović, V. (2018). Summer savory (Satureja hortensis L.) extract: Phytochemical profile and modulation of cisplatin-induced liver, renal and testicular toxicity. Food and Chemical Toxicology, 118, 252-263. | M21 |
| 10. | Jeremic, J. N., Jakovljevic, V. L., Zivkovic, V. I., Srejovic, I. M., Bradic, J. V., Bolevich, S., Turnic, T.R.N., Mitrovic, S.L., **Jovicic, N.U.**, Tyagi, S.C., & Jeremic, N. S. (2019). The cardioprotective effects of diallyl trisulfide on diabetic rats with ex vivo induced ischemia/reperfusion injury. Molecular and cellular biochemistry, 460(1), 151-164. | M23 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 810 |
| Total number of papers in SCI (SSCI) indexed journals | 44 |
| Current participation in projects | National: 3 | International: 1 |
| Professional development |  |

|  |  |
| --- | --- |
| Name and surname | Nevena Jeremić |
| Position | Assistant Professor |
| Narrow scientific or artistic field | Pharmaceutical Chemistry |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2017. | Faculty of Medical Sciences, University of Kragujevac | Pharmacy | Pharmaceutical Chemistry |
| Doctoral degree | 2015. | Faculty of Medical Sciences, University of Kragujevac | Medicine |  |
| Diploma | 2012. | Faculty of Medical Sciences, University of Kragujevac | Pharmacy |  |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID211 | Basic cardiovascular research in bioengineering | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Jakovljevic, V., Milic, P., Bradic, J., Jeremic, J., Zivkovic, V., Srejovic, I., Nikolic Turnic, T., Milosavljevic, I., **Jeremic, N.**, Bolevich, S. and Labudovic Borovic, M., Mitrović, M., & Vucic, V. (2019). Standardized aronia melanocarpa extract as novel supplement against metabolic syndrome: A rat model. International journal of molecular sciences, 20(1), 6. | M21 |
| 2. | Bradic, J., **Jeremic, N.**, Petkovic, A., Jeremic, J., Zivkovic, V., Srejovic, I., Sretenovic, J., Matic, S., Jakovljevic, V. & Tomovic, M. (2020). Cardioprotective effects of Galium verum L. extract against myocardial ischemia-reperfusion injury. Archives of physiology and biochemistry, 126(5), 408-415. | M22 |
| 3. | Jakovljevic, B., Nikolic Turnic, T., **Jeremic, N.**, Savic, M., Jeremic, J., Srejovic, I., Belic, B., Ponorac, N., Jakovljevic, V. & Zivkovic, V. (2019). The impact of high-intensity interval training and moderate-intensity continuous training regimes on cardiodynamic parameters in isolated heart of normotensive and hypertensive rats. Canadian journal of physiology and pharmacology, 97(7), 631-637. | M23 |
| 4. | Bradic, J., Zivkovic, V., Srejovic, I., Jakovljevic, V., Petkovic, A., Turnic, T. N., Jeremic, J., **Jeremic, N.**, Mitrovic, S., Sobot, T. and Ponorac, N., Ravic, M., & Tomovic, M. (2019). Protective effects of Galium verum L. extract against cardiac ischemia/reperfusion injury in spontaneously hypertensive rats. Oxidative medicine and cellular longevity, 2019. | M21 |
| 5. | Rankovic, M., **Jeremic, N.**, Srejovic, I., Radonjic, K., Stojanovic, A., Glisic, M., Bolevich, S., Bolevich, S. & Jakovljevic, V. (2021). Dipeptidyl peptidase-4 inhibitors as new tools for cardioprotection. Heart Failure Reviews, 26(2), 437-450. | М22 |
| 6. | Bradic, J., **Jeremic, N.**, Petkovic, A., Jeremic, J., Zivkovic, V., Srejovic, I., Sretenovic, J., Matic, S., Jakovljevic, V. & Tomovic, M. (2020). Cardioprotective effects of Galium verum L. extract against myocardial ischemia-reperfusion injury. Archives of physiology and biochemistry, 126(5), 408-415. | М23 |
| 7. | **Jeremic, J. N.**, Jakovljevic, V. L., Zivkovic, V. I., Srejovic, I. M., Bradic, J. V., Bolevich, S., Turnic, T.R.N., Mitrovic, S.L., Jovicic, N.U., Tyagi, S.C., & Jeremic, N. S. (2019). The cardioprotective effects of diallyl trisulfide on diabetic rats with ex vivo induced ischemia/reperfusion injury. Molecular and cellular biochemistry, 460(1), 151-164. | M23 |
| 8. | Lalovic, D., Jakovljevic, V., Radoman, K., Bradic, J., **Jeremic, N.**, Vranic, A., Milosavljevic, I., Jeremic, J., Srejovic, I., Turnic, T.N. and Zivkovic, V., Stanojevic, D., Bolevich, S., & Djuric, D. M. (2020). The impact of low mineral content water on cardiac function in diabetic rats: focus on oxidative stress. Molecular and cellular biochemistry, 472(1), 135-144. | М23 |
| 9. | Vujanac, A., Srejovic, I., Zivkovic, V., **Jeremic, N.**, Jeremic, J., Bolevich, S., Bolevich, S., & Jakovljevic, V. (2019). Quantum nature of consciousness–Double slit diffraction experiment in medicine. Medical hypotheses, 133, 109382. | M23 |
| 10. | Jeremic, J., Nikolic Turnic, T., Zivkovic, V., **Jeremic, N.**, Milosavljevic, I., Srejovic, I., Obrenovic, R., Jancic, S., Rakocevic, M., Matic, S. and Djuric, D., & Jakovljevic, V. (2018). Vitamin B complex mitigates cardiac dysfunction in high‐methionine diet‐induced hyperhomocysteinemia. Clinical and Experimental Pharmacology and Physiology, 45(7), 683-693. | M22 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 488 |
| Total number of papers in SCI (SSCI) indexed journals | 32 |
| Current participation in projects | National: 3 | International: 1 |
| Professional development |  |

|  |  |
| --- | --- |
| Name and surname | Radiša Vojinović |
| Position | Associate Professor |
| Narrow scientific or artistic field | Radiology |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2021 | Faculty of Medical Sciences, University of Kragujevac | Radiology |  |
| Doctoral degree | 2012 | Faculty of Medical Sciences, University of Kragujevac | Medicine |  |
| Magister degree | 1998 | Medical Faculty Kragujevac | Medicine |  |
| Diploma | 1986 | Medical Faculty Belgrade | Medicine |  |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID311 | Applied and clinical research in neuroscience | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Nurković, J. S., Petković, P., Tiosavljević, D., & **Vojinović, R.** (2020). Measurement of Bone Mineral Density in Children with Cerebral Palsy from an Ethical Issue to a Diagnostic Necessity. BioMed Research International, 2020, 7282946. | М22 |
| 2. | Nurković, J. S., **Vojinović, R.**, & Dolićanin, Z. (2020). Corneal Stem Cells as a Source of Regenerative Cell-Based Therapy. Stem Cells International, 2020, 8813447. | М22 |
| 3. | Opancina, V., Lukic, S., Jankovic, S., **Vojinovic, R.**, & Mijailovic, M. (2020). Risk factors for cerebral vasospasm in patients with aneurysmal subarachnoid hemorrhage. Open Medicine, 15(1), 598-604. | М22 |
| 4. | Ilic, M. B., Mitrovic, S. L., Vuletic, M. S., Radivojcevic, U. M., Janjic, V. S., Stanković, V. D., **Vojinovic, R.H.**, Stojadinovic, D.S., Radmanovic, B.R., & Jovanovic, D. V. (2019, September). Correlation of Clinicopathological Characteristics of Breast Carcinoma and Depression. In Healthcare (Vol. 7, No. 3, p. 107). Multidisciplinary Digital Publishing Institute. | М22 |
| 5. | Popovic, V., Milosavljevic, N., Radojevic, M. Z., **Vojinovic, R. H.**, Nedovic, N., Mitrovic, S., Nedovic, J., & Tomasevic, A. (2019). Analysis of postoperative radiotherapy effects within risk groups in patients with FIGO I, II, and III endometrial cancer. Indian journal of cancer, 56(4), 341. | М23 |
| 6. | Vulović, M., Živanović-Mačužić, I., Jeremić, D., Đonović, N., Radunović, A., Jovanović, M., Milošević, B., Aleksić, Z., Stanković, I., & Vojinović, R. (2019). MDCT estimation of prevalence and anatomic characteristics of sternal body foramen in population of central Serbia. Vojnosanit Pregl, 76(2), 186-191. | М23 |
| 7. | Živanović-Mačužić, I., Vulović, M., **Vojinović, R.**, Jovanović, M., Radunović, A., Milev, B., Cvetković, A., Stojiljković, M., Milošević, B., Ivošević, A. and Aksić, M., Simović, A., & Jeremić, D. (2018). The Böhler’s angle in population of central Serbia-a radiological study. Vojnosanitetski pregled, 75(3), 241-245. | М23 |
| 8. | **Vojinovic, R. H.**, Milovanovic, D. R., Dimic, N. D., Radovanovic, M., Mitrovic, S., & Radovanovic, D. M. (2015). Hepatic abscess originating from renal suppurative collection. Journal of the College of Physicians and Surgeons--Pakistan: JCPSP, 25(2), 155. | М23 |
| 9. | Mitrovic, S. L., Arsenijevic, P. S., Kljakic, D., Djuric, J. M., Milosavljevic, M. Z., Protrka, Z. M., & **Vojinovic, R.** H. (2014). Gestational choriocarcinoma of the cervix. Archives of Iranian medicine, 17(11), 783-785. | М22 |
| 10. | Ognjanović, N., Jeremić, D., Živanović-Mačužić, I., Sazdanović, M., Sazdanović, P., Tanasković, I., Jovanović, J., Popović, R., **Vojinović, R.**, Milošević, B. and Milosavljević, M., Stojadinović, D., Toševski, J., & Vulović, M. (2014). MDCT angiography of anatomical variations of the celiac trunk and superior mesenteric artery. Archives of Biological Sciences, 66(1), 233-240. | М23 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 30 |
| Total number of papers in SCI (SSCI) indexed journals | 13 |
| Current participation in projects | National: 3 | International:  |
| Professional development | Lisbon 2005, Istanbul 2009, Budapest 2013, Madrid 2017 |

|  |  |
| --- | --- |
| Name and surname | Slobodan Janković |
| Position | Full Professor |
| Narrow scientific or artistic field | Pharmacology and toxicology, clinical pharmacy |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2000 | Medical Faculty Kragujevac | Medicine | Pharmacology and Toxicology |
| Doctoral degree | 1993 | Medical Faculty Belgrade | Medicine | Pharmacology and Toxicology |
| Magister degree | 1990 | Center for Multidisciplinary Studies, University of Belgrade | Medicine | Neuroscience |
| Diploma | 1986 | Медицински факултет Београд | Medicine |  |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID308 | Methodology for testing the effects of pharmacologically active substances | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum han 20)** |
| 1. | **Jankovic, S.**, Zivkovic Zaric, R., Stojadinovic, M., Lazic, Z., Cekerevac, I., & Susa, R. (2020). Risk factors for potential drug-drug interactions in patients with pneumonia. International Journal of Clinical Pharmacology and Therapeutics, 59(1), 42-46. | M23 |
| 2. | Matic, S., Radosavljevic, I., **Jankovic, S.**, & Djordjevic, N. (2021). IL-10-1082G> A polymorphism, use of opioids and age affect the course of acute pancreatitis. European journal of gastroenterology & hepatology, 32(2), 178-185. | M23 |
| 3. | **Janković, S. M.**, & Janković, S. V. (2020). Lessons learned from the discovery of sodium valproate and what has this meant to future drug discovery efforts?. Expert Opinion on Drug Discovery, 15(11), 1355-1364. | M21 |
| 4. | Stojadinovic, M., Trifunovic, T., & **Jankovic, S.** (2020). Adaptation of the prostate biopsy collaborative group risk calculator in patients with PSA less than 10 ng/ml improves its performance. International Urology and Nephrology, 52, 1811-1819. | M23 |
| 5. | Momčilović, S., Jovanović, A., Radojković, D., Nikolić, V. N., **Janković, S. M.**, Pešić, M., & Milovanović, J. R. (2020). Population pharmacokinetic analysis of bisoprolol in type 2 diabetic patients with hypertension. European Journal of Clinical Pharmacology, 76(11), 1539-1546. | M22 |
| 6. | **Janković, S. M.** (2020). Evaluation of zonisamide for the treatment of focal epilepsy: a review of pharmacokinetics, clinical efficacy and adverse effects. Expert opinion on drug metabolism & toxicology, 16(3), 169-177. | M22 |
| 7. | Radojevic, M. Z., Tomasevic, A., Karapandzic, V. P., Milosavljevic, N., **Jankovic, S.**, & Folic, M. (2020). Acute chemoradiotherapy toxicity in cervical cancer patients. Open Medicine, 15(1), 822-832. | M23 |
| 8. | Zaric, R. Z., Milovanovic, J., Rosic, N., Milovanovic, D., Zecevic, D. R., Folic, M., & **Jankovic, S.** (2018). Pharmacokinetics of vancomycin in patients with different renal function levels. Open Medicine, 13(1), 512-519. | М23 |
| 9. | Djordjevic, N., Milovanovic, D. D., Radovanovic, M., Radosavljevic, I., Obradovic, S., Jakovljevic, M., Milovanovic, D., Milovanovic, J.R. & **Jankovic, S.** (2016). CYP1A2 genotype affects carbamazepine pharmacokinetics in children with epilepsy. European journal of clinical pharmacology, 72(4), 439-445. | М22 |
| 10. | Riznic, N., Milovanovic, D., Dejanovic, S., **Jankovic, S.**, Ravanic, D., Petrovic, D., Jovanovic, M., Mladenovic, V., Zecevic, D. & Janjić, V. (2017). Effects of antidepressants on serum concentrations of bone metabolism markers and major electrolytes in patients from routine psychiatric practice. Vojnosanitetski pregled, 74(7), 615-624. | М23 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | >2500 |
| Total number of papers in SCI (SSCI) indexed journals | 218 |
| Current participation in projects | National: 1 | International: 1 |
| Professional development |  |

|  |  |
| --- | --- |
| Name and surname | Slobodanka Mitrović |
| Position | Associate Professor |
| Narrow scientific or artistic field | Pathological Anatomy |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2017. | Faculty of Medical Sciences, University of Kragujevac | Medicine | Pathological Anatomy |
| Doctoral degree | 2015. | Faculty of Medical Sciences, University of Kragujevac | Medicine | Oncology |
| Magister degree | 2000. |  Medical Faculty, University of Kragujevac | Medicine | Cardiopathology |
| Diploma | 1992. | Medical Faculty, University of Kragujevac | Medicine |  |
| List of coursesthat the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID310 | Histolab and microimaging | Doctoral academic studies |
| 2. | 21.BID213 | Basic research in neuroscience | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Arsenijevic, N., Selakovic, D., Katanic Stankovic, J. S., Mihailovic, V., **Mitrovic, S.**, Milenkovic, J., Milanovic, P., Vasovic, M., Markovic, S.D., Zivanovic, M. and Grujic, J., Jovicic, N., & Rosic, G. (2021). The Beneficial Role of Filipendula ulmaria Extract in Prevention of Prodepressant Effect and Cognitive Impairment Induced by Nanoparticles of Calcium Phosphates in Rats. Oxidative medicine and cellular longevity, 2021, 6670135. | M21 |
| 2. | Ilic, M. B., **Mitrovic, S. L.**, Vuletic, M. S., Radivojcevic, U. M., Janjic, V. S., Stanković, V. D., Vojinovic, R.H., Stojadinovic, D.S., Radmanovic, B.R. & Jovanovic, D. V. (2019, September). Correlation of Clinicopathological Characteristics of Breast Carcinoma and Depression. In Healthcare (Vol. 7, No. 3, p. 107).  | М22 |
| 3. | Joksimovic, J., Selakovic, D., Jovicic, N., **Mitrovic, S.**, Mihailovic, V., Katanic, J., Milovanovic, D. & Rosic, G. (2019). Exercise attenuates anabolic steroids-induced anxiety via hippocampal NPY and MC4 receptor in rats. Frontiers in neuroscience, 13, 172. | М21 |
| 4. | Kovacevic, M. M., Pejnovic, N., **Mitrovic, S.**, Jovicic, N., Petrovic, I., Arsenijevic, N., Lukic, M.L., & Ljujic, B. (2018). Galectin-3 deficiency enhances type 2 immune cell-mediated myocarditis in mice. Immunologic research, 66(4), 491-502. | M22 |
| 5. | Bradic, J., Zivkovic, V., Srejovic, I., Jakovljevic, V., Petkovic, A., Turnic, T. N., Jeremic, J., Jeremic, N., **Mitrovic, S.**, Sobot, T. and Ponorac, N., Ravic, M., & Tomovic, M. (2019). Protective effects of Galium verum L. extract against cardiac ischemia/reperfusion injury in spontaneously hypertensive rats. Oxidative medicine and cellular longevity, 2019. | M21 |
| 6. | Milosavljevic, M. Z., Jovanovic, I. P., Pejnovic, N. N., **Mitrovic, S. L.**, Arsenijevic, N. N., Markovic, B. J. S., & Lukic, M. L. (2016). Deletion of IL-33R attenuates VEGF expression and enhances necrosis in mammary carcinoma. Oncotarget, 7(14), 18106. | M21 |
| 7. | Selakovic, D., Joksimovic, J., Jovicic, N., **Mitrovic, S.**, Mihailovic, V., Katanic, J., Milovanovic, D., Pantovic, S., Mijailovic, N. & Rosic, G. (2019). The impact of hippocampal sex hormones receptors in modulation of depressive-like behavior following chronic anabolic androgenic steroids and exercise protocols in rats. Frontiers in behavioral neuroscience, 13, 19. | M22 |
| 8. | Jeremic, J. N., Jakovljevic, V. L., Zivkovic, V. I., Srejovic, I. M., Bradic, J. V., Bolevich, S., Turnic, T.R.N., **Mitrovic, S.L.**, Jovicic, N.U., Tyagi, S.C., & Jeremic, N. S. (2019). The cardioprotective effects of diallyl trisulfide on diabetic rats with ex vivo induced ischemia/reperfusion injury. Molecular and cellular biochemistry, 460(1), 151-164. | M23 |
| 9. | Bradic, J., Petkovic, A., Simonovic, N., Radovanovic, M., Jeremic, J., Zivkovic, V., **Mitrovic, S.**, Bolevich, S., Jakovljevic, V., Sretenovic, J., & Srejovic, I. (2019). Preconditioning with hyperbaric oxygen and calcium and potassium channel modulators in the rat heart. Undersea and Hyperbaric Medicine, 46(4), 483-494. | М23 |
| 10. | Jeremic, J. N., Jakovljevic, V. L., Zivkovic, V. I., Srejovic, I. M., Bradic, J. V., Milosavljevic, I. M., **Mitrovic, S.L.**, Jovicic, N.U., Bolevich, S.B., Svistunov, A.A. and Tyagi, S.C., & Jeremic, N. S. (2020). Garlic Derived Diallyl Trisulfide in Experimental Metabolic Syndrome: Metabolic Effects and Cardioprotective Role. International Journal of Molecular Sciences, 21(23), 9100. | М21 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| **Збирни подаци научне активност наставника** |
| Total number of citations | 271 |
| Total number of papers in SCI (SSCI) indexed journals | 21 |
| Current participation in projects | National: 1 | International: 1 |
| Professional development |  |

|  |  |
| --- | --- |
| Name and surname | Tamara Nikolić Turnić |
| Position | Assistant Professor |
| Narrow scientific or artistic field | Clinical Pharmacy |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2018. | Faculty of Medical Sciences, University of Kragujevac | Pharmacy | Clinical Pharmacy |
| Doctoral degree | 2017. | Faculty of Medical Sciences, University of Kragujevac | Medicine |  |
| Diploma | 2010. | Medical Faculty, University of Kragujevac | Medicine |  |
| List of coursesthat the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID309 | Experimental animal models in bioengineering | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Lalovic, D., Jakovljevic, V., Radoman, K., Bradic, J., Jeremic, N., Vranic, A., Milosavljevic, I., Jeremic, J., Srejovic, I., **Turnic, T.N.** and Zivkovic, V., Stanojevic, D., Bolevich, S., & Djuric, D. M. (2020). The impact of low mineral content water on cardiac function in diabetic rats: focus on oxidative stress. Molecular and cellular biochemistry, 472(1), 135-144. | М23 |
| 2. | Petrovic, J., **Turnic, T. N.**, Zivkovic, V., Andjic, M., Draginic, N., Stojanovic, A., Milinkovic, I., Bolevich, S., Jevdjic, J. & Jakovljevic, V. (2020). Correlation of Redox Status with Procalcitonin and C-reactive Protein in Septic Patients. Oxidative Medicine and Cellular Longevity, 2020. | М21 |
| 3. | **Nikolic, T.**, Petrovic, D., Matic, S., Turnic, T. N., Jeremic, J., Radonjic, K., Srejovic, I., Zivkovic, V., Bolevich, S., Bolevich, S. & Jakovljevic, V. (2020). The influence of folic acid-induced acute kidney injury on cardiac function and redox status in rats. Naunyn-Schmiedeberg's archives of pharmacology, 393(1), 99-109. | M22 |
| 4. | Cikiriz, N., Milosavljevic, I., Jakovljevic, B., Bolevich, S., Jeremic, J., **Nikolic Turnic, T.**, Mitrovic, M., Srejovic, I., Bolevich, S. & Jakovljevic, V. (2021). The influences of chokeberry extract supplementation on redox status and body composition in handball players during competition phase. Canadian Journal of Physiology and Pharmacology, 99(1), 42-47. | М23 |
| 5. | Bradic, J., Zivkovic, V., Srejovic, I., Jakovljevic, V., Petkovic, A., **Turnic, T. N.**, Jeremic, J., Jeremic, N., Mitrovic, S., Sobot, T. and Ponorac, N., Ravic, M., & Tomovic, M. (2019). Protective effects of Galium verum L. extract against cardiac ischemia/reperfusion injury in spontaneously hypertensive rats. Oxidative medicine and cellular longevity, 2019. | M21 |
| 6. | Mitrovic, M., **Turnic, T. N.**, Zivkovic, V., Pavic, Z., Vranic, A., Srejovic, I., Sretenovic, J., Bolevich, S., & Jakovljevic, V. L. (2020). High-protein diet and omega-3 fatty acids improve redox status in olanzapine-treated rats. Molecular and cellular biochemistry, 1-10. | М23 |
| 7. | Jeremic, J. N., Jakovljevic, V. L., Zivkovic, V. I., Srejovic, I. M., Bradic, J. V., Bolevich, S., **Turnic, T.R.N.**, Mitrovic, S.L., Jovicic, N.U., Tyagi, S.C., & Jeremic, N. S. (2019). The cardioprotective effects of diallyl trisulfide on diabetic rats with ex vivo induced ischemia/reperfusion injury. Molecular and cellular biochemistry, 460(1), 151-164. | M23 |
| 8. | Jakovljevic, V., Milic, P., Bradic, J., Jeremic, J., Zivkovic, V., Srejovic, I., **Nikolic Turnic, T.**, Milosavljevic, I., Jeremic, N., Bolevich, S. and Labudovic Borovic, M., Mitrović, M., & Vucic, V. (2019). Standardized aronia melanocarpa extract as novel supplement against metabolic syndrome: A rat model. International journal of molecular sciences, 20(1), 6. | M21 |
| 9. | Mijailovic, N., Selakovic, D., Joksimovic, J., Mihailovic, V., Katanic, J., Jakovljevic, V., **Nikolic, T.**, Bolevich, S., Zivkovic, V., Pantic, M. & Rosic, G. (2019). The anxiolytic effects of atorvastatin and simvastatin on dietary-induced increase in homocysteine levels in rats. Molecular and cellular biochemistry, 452(1), 199-217. | М23 |
| 10. | Djuric, M., Kostic, S., **Turnic, T. N.**, Stankovic, S., Skrbic, R., Djuric, D. M., Zivkovic, V., Jakovljevic, V. & Stevanovic, P. (2020). The comparison of the effects of ketamine and etomidate on cardiodynamics, biochemical and oxidative stress parameters in Wistar male rats. Molecular and Cellular Biochemistry, 474(1), 125-134. | М23 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 19 |
| Total number of papers in SCI (SSCI) indexed journals | 38 |
| Current participation in projects | National: 1 | International:  |
| Professional development |  |

|  |  |
| --- | --- |
| Name and surname | Tatjana Bošković Matić |
| Position | Assistant Professor |
| Narrow scientific or artistic field | Neurology |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2021 | Faculty of Medical Sciences, University of Kragujevac | Neuroscience | Neurology |
| Doctoral degree | 2019 | Faculty of Medical Sciences, University of Kragujevac | Neuroscience | Neurology |
| Diploma | 1997 | Medical Faculty, University of Kragujevac |  |  |
| List of courses that the teacher holds in doctoral studies |
| No. | No. | No. | No. |
| 1. | 21.BID311 | Applied and clinical research in neuroscience | Doctoral academic studies |
| 2. |  |  |  |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Toncev, G., Drakulic, S. M., Knezevic, Z., **Matic, T. B.**, Gavrilovic, A., Toncev, S., Drulovic, J. & Pekmezovic, T. (2011). Prevalence of multiple sclerosis in the Serbian district Sumadija. Neuroepidemiology, 37(2), 102-106. | M21 |
| 2. | **Matić, T. B.**, Toncev, G., Gavrilović, A., & Aleksić, D. (2019). Suffering from cerebral small vessel disease with and without metabolic syndrome. Open Medicine, 14(1), 479-484. | M22 |
| 3. | Gavrilovic, A., Toncev, G., **Matic, T. B.**, Vesic, K., Zivojinovic, J. I., & Gavrilovic, J. (2019). Impact of epilepsy duration, seizure control and EEG abnormalities on cognitive impairment in drug-resistant epilepsy patients. Acta Neurologica Belgica, 119(3), 403-410. | M23 |
| 4. | Aleksic, D., Miletic-Drakulic, S., **Boskovic-Matic, T.**, Simovic, S., & Toncev, G. (2016). Unusual case of stroke related to Kocuria kristinae endocarditis treated with surgical procedure. Hippokratia, 20(3), 231. | M23 |
| 5. | **Matic, T. B.**, Gavrilovic, A., Simovic, S., Aleksic, D., Vesic, K., Azanjac, A., Toncev, S. & Drakulic, S. M. (2017). Specific polymorphism 4G/5G gene for PAI-1 as a possible cause of cerebral venous thrombosis: a case report. Serbian Journal of Experimental and Clinical Research, 18(2), 169-173. | M51 |
| 6. | Gavrilovic, A., Drakulic, S. M., **Matic, T. B.**, Vesic, K., Aleksic, D., Toncev, S., & Gavrilovic, J. (2016). EEG abnormalities as diagnostic and prognostic factor for encephalitis. Serbian Journal of Experimental and Clinical Research, 17(3), 225-230. | M51 |
| 7. | Vesić, K., Gavrilović, A., **Bošković-Matić, T.**, & Azanjac, A. (2013). Miller Fisher syndrome. Medicinski časopis, 47(3), 153-155. | M53 |
| 8. | Simović, S., Aleksic, D., **Matic, T. B.**, Vesic, K., Toncev, S., Drakulic, S. M., & Tončev, G. (2017). Temporal variations of stroke occurence. Serbian Journal of Experimental and Clinical Research, 18(1), 33-38. | M51 |
| 9. | Spyropoulos, A. C., Ageno, W., Albers, G. W., Elliott, C. G., Halperin, J. L., Hiatt, W. R., Maynard, G.A., Steg, P.G., Weitz, J.I., Suh, E. and Spiro, T.E., Raskob, G. E., & MARINER Investigators (2018). Rivaroxaban for thromboprophylaxis after hospitalization for medical illness. New England Journal of Medicine, 379(12), 1118-1127. | M21 |
| 10. | **Bošković-Matić, T.**, Tončev, G., Miletic-Drakulić, S., Knežević, Z., & Gavrilović, A. (2010). The effectiveness of fibrinolytic therapy in patients with acute ischemic stroke. Medicinski časopis, 44(2), 15-19. | M53 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 80 |
| Total number of papers in SCI (SSCI) indexed journals | 5 |
| Current participation in projects | National: 1 | International:  |
| Professional development |  |
| Other data you consider relevant: Cumulative impact factor KIF 76,745 |

|  |  |
| --- | --- |
| **Name and surname** | Vesna Stanković |
| **Position** | Associate Professor |
| **Narrow scientific or artistic field** | Pathological anatomy |
| **Academic career** | **Year**  | **Institution**  | **Scientific field** | **Narrow scientific field** |
| Appointment to the Position | 2019. | Faculty of Medical Sciences | Pathological Anatomy |  |
| Doctoral degree | 2009. | Faculty of Medical Sciences | Pathological Anatomy |  |
| Magister degree | 1997. | Medical Faculty Kragujevac | Pathological Anatomy |  |
| Diploma | 1988. | Faculty of Medicine in Belgrade, department in Kragujevac |  |  |
| **List of courses that the teacher holds in doctoral studies** |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID310 | Histolab and microimaging | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Ilic, M. B., Mitrovic, S. L., Vuletic, M. S., Radivojcevic, U. M., Janjic, V. S., **Stanković, V. D.**, Vojinovic, R.H., Stojadinovic, D.S., Radmanovic, B.R. & Jovanovic, D. V. (2019). Correlation of Clinicopathological Characteristics of Breast Carcinoma and Depression. In Healthcare (Vol. 7, No. 3, p. 107).  | M22 |
| 2. | Tanaskovic, I., Ilic, S., Jurisic, V., Lackovic, M., Milosavljevic, Z., **Stankovic, V.**, Aleksic, A., & Sazdanovic, M. (2019). Histochemical, immunohistochemical and ultrastructural analysis of aortic wall in neonatal coarctation. Rom J Morphol Embryol, 60(4), 1291-1298. | M23 |
| 3. | Paunović, M. G., Matić, M. M., **Stanković, V. D.**, Milošević, M. D., Jevtić, V. V., Trifunović, S. R., & Ognjanović, B. I. (2021). Evaluation of Toxic Effects of Novel Platinum (IV) Complexes in Female Rat Liver: Potential Protective Role of Resveratrol. Cell Biochemistry and Biophysics, 79(1), 141-152. | M23 |
| 4. | Savic, M., Arsenijevic, A., Milovanovic, J., Stojanovic, B., **Stankovic, V.**, Rilak Simovic, A., Lazic, D., Arsenijevic, N., & Milovanovic, M. (2020). Antitumor Activity of Ruthenium (II) Terpyridine Complexes towards Colon Cancer Cells In Vitro and In Vivo. Molecules, 25(20), 4699. | M22 |
| 5. | Marković, M., Jurišić, V., Petrović, M., Dagović, A., **Stanković, V.**, & Mitrović, S. (2018). Appearance of ductal breast and colon carcinoma with gastrointestinal stromal tumor (GIST) in a female patient: an extremely rare case. Rom J Morphol Embryol, 59(2), 613-617. | M23 |
| 6. | Boroja, T., Katanić, J., Rosić, G., Selaković, D., Joksimović, J., Mišić, D., **Stanković, V.**, Jovičić, N. & Mihailović, V. (2018). Summer savory (Satureja hortensis L.) extract: Phytochemical profile and modulation of cisplatin-induced liver, renal and testicular toxicity. Food and Chemical Toxicology, 118, 252-263. | M21 |
| 7. | Đorđević, N. B., Matić, S. L., Simić, S. B., Stanić, S. M., Mihailović, V. B., Stanković, N. M., **Stanković, V.D.** & Ćirić, A. R. (2017). Impact of the toxicity of Cylindrospermopsis raciborskii (Woloszynska) Seenayya & Subba Raju on laboratory rats in vivo. Environmental Science and Pollution Research, 24(16), 14259-14272. | M22 |
| 8. | Katanić, J., Matić, S., Pferschy-Wenzig, E. M., Kretschmer, N., Boroja, T., Mihailović, V., **Stanković, V.**, Stanković, N., Mladenović, M., Stanić, S. and Mihailović, M., & Bauer, R. (2017). Filipendula ulmaria extracts attenuate cisplatin-induced liver and kidney oxidative stress in rats: In vivo investigation and LC-MS analysis. Food and Chemical Toxicology, 99, 86-102. | M21 |
| 9. | **Stanković, V.**, Mihailović, V., Mitrović, S., & Jurišić, V. (2017). Protective and therapeutic possibility of medical herbs for liver cirrhosis. Rom J Morphol Embryol, 58(3), 723-729. | M22 |
| 10. | Jurić, T., Stanković, J. S. K., Rosić, G., Selaković, D., Joksimović, J., Mišić, D., **Stanković, V.** & Mihailović, V. (2020). Protective effects of Alchemilla vulgaris L. extracts against cisplatin-induced toxicological alterations in rats. South African Journal of Botany, 128, 141-151. | M22 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 148 |
| Total number of papers in SCI (SSCI) indexed journals | 36 |
| Current participation in projects | National: 3 | International:  |
| Professional development |  |

|  |  |
| --- | --- |
| **Name and surname** | Vladimir Jakovljević |
| **Position** | Full Professor |
| **Narrow scientific or artistic field** | Physiology |
| **Academic career** | **Year**  | **Institution**  | **Scientific field** | **Narrow scientific field** |
| Appointment to the Position | 2014. | Faculty of Medical Sciences, University of Kragujevac | Physiology |  |
| Doctoral degree | 2004. | Medical Faculty, University of Kragujevac | Medicine |  |
| Magister degree | 1998. | Medical Faculty, University of Kragujevac | Medicine |  |
| Diploma | 1995. | Medical Faculty, University of Kragujevac | Medicine |  |
| **List of courses that the teacher holds in doctoral studies** |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID211 | Basic cardiovascular research in bioengineering | Doctoral academic studies |
| 2. | 21.BID309 | Experimental animal models in bioengineering | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Nikolic, T., Petrovic, D., Matic, S., Turnic, T. N., Jeremic, J., Radonjic, K., Srejovic, I., Zivkovic, V., Bolevich, S., Bolevich, S. & **Jakovljevic, V.** (2020). The influence of folic acid-induced acute kidney injury on cardiac function and redox status in rats. Naunyn-Schmiedeberg's archives of pharmacology, 393(1), 99-109. | M22 |
| 2. | Arsic, A., Pesic, G., Petrovic, S., Matic, A., Jeremic, J., **Jakovljevic, V.**, & Vucic, V. (2020). Adverse plasma fatty acid composition in patients with femoral neck fracture1. Canadian journal of physiology and pharmacology, 98(2), 61-66. | M23 |
| 3. | Srejovic, I., Selakovic, D., Jovicic, N., **Jakovljević, V.**, Lukic, M. L., & Rosic, G. (2020). Galectin-3: Roles in Neurodevelopment, Neuroinflammation, and Behavior. Biomolecules, 10(5), 798. | М22 |
| 4. | Rankovic, M., Jeremic, N., Srejovic, I., Radonjic, K., Stojanovic, A., Glisic, M., Bolevich, S., Bolevich, S. & **Jakovljevic, V.** (2021). Dipeptidyl peptidase-4 inhibitors as new tools for cardioprotection. Heart Failure Reviews, 26(2), 437-450. | М22 |
| 5. | **Jakovljevic, V.**, Djuric, D., Pechanova, O., Bolevich, S., & Tyagi, S. (2020). Oxidative Stress and Cardiovascular Dysfunction: From Basic Science to Applied Investigations. Oxid Med Cell Longev, 2020, 6985284 | M21 |
| 6. | Stojanović, E., Radovanović, D., Dalbo, V. J., **Jakovljević, V.**, Ponorac, N., Agostinete, R. R., Svoboda, Z., & Scanlan, A. T. (2020). Basketball players possess a higher bone mineral density than matched non-athletes, swimming, soccer, and volleyball athletes: a systematic review and meta-analysis. Archives of Osteoporosis, 15(1), 1-21. | М23 |
| 7. | Dragasevic, N., **Jakovljevic, V.**, Zivkovic, V., Draginic, N., Andjic, M., Bolevich, S., & Jovic, S. (2021). The role of aldosterone inhibitors in cardiac ischemia–reperfusion injury. Canadian Journal of Physiology and Pharmacology, 99(1), 18-29. | M23 |
| 8. | Bradic, J., Petkovic, A., Simonovic, N., Radovanovic, M., Jeremic, J., Zivkovic, V., Mitrovic, S., Bolevich, S., **Jakovljevic, V.**, Sretenovic, J., & Srejovic, I. (2019). Preconditioning with hyperbaric oxygen and calcium and potassium channel modulators in the rat heart. Undersea and Hyperbaric Medicine, 46(4), 483-494. | М23 |
| 9. | Djuric, M., Kostic, S., Turnic, T. N., Stankovic, S., Skrbic, R., Djuric, D. M., Zivkovic, V., **Jakovljevic, V.** & Stevanovic, P. (2020). The comparison of the effects of ketamine and etomidate on cardiodynamics, biochemical and oxidative stress parameters in Wistar male rats. Molecular and Cellular Biochemistry, 474(1), 125-134. | M23 |
| 10. | Vranic, A., Pruner, I., Veselinovic, M., Soutari, N., Petkovic, A., **Jakovljevic, V.**, & Antovic, A. (2019). Assessment of hemostatic disturbances in women with established rheumatoid arthritis. Clinical rheumatology, 38(11), 3005-3014. | М22 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 1004 |
| Total number of papers in SCI (SSCI) indexed journals | 114 |
| Current participation in projects | National: 2 | International: 4 |
| Professional development |  |

|  |  |
| --- | --- |
| **Name and surname** | Vladimir Živković |
| **Position** | Associate Professor |
| **Narrow scientific or artistic field** | Physiology |
| **Academic career** | **Year**  | **Institution**  | **Scientific field** | **Narrow scientific field** |
| Appointment to the Position | 2019. | Faculty of Medical Sciences, University of Kragujevac | Physiology |  |
| Doctoral degree | 2014. | Faculty of Medical Sciences, University of Kragujevac | Medicine |  |
| Diploma | 2010. | Medical Faculty, University of Kragujevac | Medicine |  |
| **List of courses that the teacher holds in doctoral studies** |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID211 | Basic cardiovascular research in bioengineering | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Jakovljevic, V., Milic, P., Bradic, J., Jeremic, J., **Zivkovic, V.**, Srejovic, I., Nikolic Turnic, T., Milosavljevic, I., Jeremic, N., Bolevich, S. and Labudovic Borovic, M., Mitrović, M., & Vucic, V. (2019). Standardized aronia melanocarpa extract as novel supplement against metabolic syndrome: A rat model. International journal of molecular sciences, 20(1), 6. | M21 |
| 2. | Bradic, J., Jeremic, N., Petkovic, A., Jeremic, J., **Zivkovic, V.**, Srejovic, I., Sretenovic, J., Matic, S., Jakovljevic, V. & Tomovic, M. (2020). Cardioprotective effects of Galium verum L. extract against myocardial ischemia-reperfusion injury. Archives of physiology and biochemistry, 126(5), 408-415. | M22 |
| 3. | Jakovljevic, B., Nikolic Turnic, T., Jeremic, N., Savic, M., Jeremic, J., Srejovic, I., Belic, B., Ponorac, N., Jakovljevic, V. & **Zivkovic, V.** (2019). The impact of high-intensity interval training and moderate-intensity continuous training regimes on cardiodynamic parameters in isolated heart of normotensive and hypertensive rats. Canadian journal of physiology and pharmacology, 97(7), 631-637. | M23 |
| 4. | Bradic, J., **Zivkovic, V.**, Srejovic, I., Jakovljevic, V., Petkovic, A., Turnic, T. N., Jeremic, J., Jeremic, N., Mitrovic, S., Sobot, T. and Ponorac, N., Ravic, M., & Tomovic, M. (2019). Protective effects of Galium verum L. extract against cardiac ischemia/reperfusion injury in spontaneously hypertensive rats. Oxidative medicine and cellular longevity, 2019. | M21 |
| 5. | Smigic, J., Sabo, T., Vranic, A., **Zivkovic, V.**, Srejovic, I., Turnic, T. N., Milosavljevic, I., Poljarevic, J., Krivokapic, M., Bolevich, S., & Jakovljevic, V. L. (2019). Chronic effects of platinum (IV) complex and its diamine ligand on rat heart function: comparison with cisplatin. Molecular and cellular biochemistry, 458(1), 89-98. | M23 |
| 6. | Bradic, J., Petkovic, A., Simonovic, N., Radovanovic, M., Jeremic, J., **Zivkovic, V.**, Mitrovic, S., Bolevich, S., Jakovljevic, V., Sretenovic, J., & Srejovic, I. (2019). Preconditioning with hyperbaric oxygen and calcium and potassium channel modulators in the rat heart. Undersea and Hyperbaric Medicine, 46(4), 483-494. | М23 |
| 7. | Radonjic, T., Rankovic, M., Ravic, M., **Zivkovic, V.**, Srejovic, I., Jeremic, J., Sretenovic, J., Matic, S., Jakovljevic, V. & Turnic, T. N. (2020). The effects of thiamine hydrochloride on cardiac function, redox status and morphometric alterations in doxorubicin-treated rats. Cardiovascular toxicology, 20(2), 111-120. | M22 |
| 8. | Jeremic, J. N., Jakovljevic, V. L., **Zivkovic, V. I.**, Srejovic, I. M., Bradic, J. V., Bolevich, S., Turnic, T.R.N., Mitrovic, S.L., Jovicic, N.U., Tyagi, S.C., & Jeremic, N. S. (2019). The cardioprotective effects of diallyl trisulfide on diabetic rats with ex vivo induced ischemia/reperfusion injury. Molecular and cellular biochemistry, 460(1), 151-164. | M23 |
| 9. | Nikolic, T., Petrovic, D., Matic, S., Turnic, T. N., Jeremic, J., Radonjic, K., Srejovic, I., **Zivkovic, V.**, Bolevich, S., Bolevich, S. & Jakovljevic, V. (2020). The influence of folic acid-induced acute kidney injury on cardiac function and redox status in rats. Naunyn-Schmiedeberg's archives of pharmacology, 393(1), 99-109. | M22 |
| 10. | Vujanac, A., Srejovic, I., **Zivkovic, V.**, Jeremic, N., Jeremic, J., Bolevich, S., Bolevich, S., & Jakovljevic, V. (2019). Quantum nature of consciousness–Double slit diffraction experiment in medicine. Medical hypotheses, 133, 109382. | M23 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 441 |
| Total number of papers in SCI (SSCI) indexed journals | 70 |
| Current participation in projects | National: 5 | International:  |
| Professional development | Institute of Normal and Pathological Physiology, Slovak Academy of Sciences, Bratislava (01.02.-01.07.2013.) |
| Other information you consider relevant: Member of the organizing committee of a large number of national and international symposia. Member of the Society of Physiologists of the Republic of Serbia. |

|  |  |
| --- | --- |
| **Name and surname** | Vladislav Volarević |
| **Position** | Full Professor |
| **Narrow scientific or artistic field** | Medical Genetics |
| **Academic career** | **Year**  | **Institution**  | **Scientific field** | **Narrow scientific field** |
| Appointment to the Position | 2021. | Faculty of Medical Sciences University of Kragujevac | Medicine | Medical Genetics |
| Doctoral degree | 2011. | Faculty of Medical Sciences University of Kragujevac | Medicine | Immunology |
| Diploma | 2006. | Medical Faculty Nis | Medicine | Medicine |
| **List of courses that the teacher holds in doctoral studies** |
| No. | Code | Course name | Type of studies |
| 1. | IP4 | Immunology, infection, inflammation | Doctoral academic studies |
| 2. | IP10 | Stem cells in the biomedical sciences | Doctoral academic studies |
| 3. | IP3 | Oncology | Doctoral academic studies |
| 4. | 21.BID109 | Molecular medicine | Doctoral academic studies |
| 5. | 21.BID210 | Stem cell biology and their application in regenerative medicine | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | **Volarevic, V.**, Markovic, B. S., Jankovic, M. G., Djokovic, B., Jovicic, N., Harrell, C. R., Fellabaum, C., Djonov, V., Arsenijevic, N. & Lukic, M. L. (2019). Galectin 3 protects from cisplatin-induced acute kidney injury by promoting TLR-2-dependent activation of IDO1/Kynurenine pathway in renal DCs. Theranostics, 9(20), 5976 - 6001. | М21а |
| 2. | **Volarevic, V.**, Zdravkovic, N., Harrell, C. R., Arsenijevic, N., Fellabaum, C., Djonov, V., Lukic, M.L., & Simovic Markovic, B. (2019). Galectin-3 Regulates Indoleamine-2, 3-dioxygenase-Dependent Cross-Talk between Colon-Infiltrating Dendritic Cells and T Regulatory Cells and May Represent a Valuable Biomarker for Monitoring the Progression of Ulcerative Colitis. Cells, 8(7), 709. | М21 |
| 3. | Harrell, C. R., Volarevic, A., Djonov, V., & **Volarevic, V.** (2021). Mesenchymal Stem Cell-Derived Exosomes as New Remedy for the Treatment of Neurocognitive Disorders. International Journal of Molecular Sciences, 22(3), 1433. | М21 |
| 4. | Harrell, C. R., Jovicic, N., Djonov, V., & **Volarevic, V.** (2020). Therapeutic use of mesenchymal stem cell-derived exosomes: from basic science to clinics. Pharmaceutics, 12(5), 474. | М21 |
| 5. | Harrell, C. R., Jovicic, N., Djonov, V., Arsenijevic, N., & **Volarevic, V.** (2019). Mesenchymal stem cell-derived exosomes and other extracellular vesicles as new remedies in the therapy of inflammatory diseases. Cells, 8(12), 1605. | М21 |
| 6. | Harrell, C. R., Markovic, B. S., Fellabaum, C., Arsenijevic, N., Djonov, V., & **Volarevic, V.** (2020). The role of Interleukin 1 receptor antagonist in mesenchymal stem cell‐based tissue repair and regeneration. BioFactors, 46(2), 263-275. | М21 |
| 7. | Gazdic, M., Markovic, B. S., Arsenijevic, A., Jovicic, N., Acovic, A., Harrell, C. R., Fellabaum, C., Djonov, V., Arsenijevic, N., Lukic, M.L., & **Volarevic, V.** (2018). Crosstalk between mesenchymal stem cells and T regulatory cells is crucially important for the attenuation of acute liver injury. Liver transplantation, 24(5), 687-702. | М21 |
| 8. | Milosavljevic, N., Gazdic, M., Simovic Markovic, B., Arsenijevic, A., Nurkovic, J., Dolicanin, Z., Djonov, V., Lukic, M.L., & **Volarevic, V.** (2017). Mesenchymal stem cells attenuate acute liver injury by altering ratio between interleukin 17 producing and regulatory natural killer T cells. Liver Transplantation, 23(8), 1040-1050. | М21 |
| 9. | Gazdic, M., Simovic Markovic, B., Vucicevic, L., Nikolic, T., Djonov, V., Arsenijevic, N., Trajkovic, V., Lukic, M.L., & **Volarevic, V.** (2018). Mesenchymal stem cells protect from acute liver injury by attenuating hepatotoxicity of liver natural killer T cells in an inducible nitric oxide synthase‐and indoleamine 2, 3‐dioxygenase‐dependent manner. Journal of tissue engineering and regenerative medicine, 12(2), e1173-e1185. | М21 |
| 10. | **Volarevic, V.**, Misirkic, M., Vucicevic, L., Paunovic, V., Markovic, B. S., Stojanovic, M., Milovanovic, M., Jakovljevic, V., Micic, D., Arsenijevic, N. and Trajkovic, V., & Lukic, M. L. (2015). Metformin aggravates immune-mediated liver injury in mice. Archives of toxicology, 89(3), 437-450. | М21 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 2722 (h-index: 31) |
| Total number of papers in SCI (SSCI) indexed journals | 75 |
| Current participation in projects | National: 3 | International: 4 |
| Professional development | In August 2008, he attended a professional training in the field of modern teaching of Immunology at the University of California, San Francisco-UCSF; In the period June-July 2009, he stayed at the Curie Institute in Paris for professional training in Immunology; During August 2009, he successfully completed the "Advanced Immunology Course" in Minneapolis; 2015 - postdoctoral training at the Immunological Institute, Mount Sinai Hospital in New York (Immunological Institute, Mount Sinai Hospital, New York, USA); 2016 - professional training at the Institute of Anatomy, University of Bern, Switzerland. |

|  |  |
| --- | --- |
| Name and surname | Zoran Milosavljević |
| Position | Full Professor |
| Narrow scientific or artistic field | Histology and Embryology |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2020. | Faculty of Medical Sciences, University of Kragujevac | Medicine | Histology and Embryology |
| Doctoral degree | 1999. | Medical Faculty, University of Kragujevac | Medicine |  |
| Magister degree | 1995. | Medical Faculty, University of Kragujevac | Medicine |  |
| Diploma | 1992. | Medical Faculty, University of Belgrade | Medicine |  |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID310 | Histolab and microimaging | Doctoral academic studies |
| 2. | 21.BID102 | Cells, tissues, organs | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Zarić, M., Živković-Zarić, R., Mitrović, M., Nikolić, I., Čanović, P., **Milosavljević, Z.**, Jovanović, D., Sekulić, M., & Zelen, I. (2020). Teucrium polium induces apoptosis in peripheral blood lymphocytes isolated from human chronic lymphocytic leukemia. Vojnosanitetski pregled, (00), 5-5. | М23 |
| 2. | Tanaskovic, I., Ilic, S., Jurisic, V., Lackovic, M., **Milosavljevic, Z.**, Stankovic, V., Aleksic, A., & Sazdanovic, M. (2019). Histochemical, immunohistochemical and ultrastructural analysis of aortic wall in neonatal coarctation. Rom J Morphol Embryol, 60(4), 1291-1298. | М23 |
| 3. | Sretenovic, J., Ajdzanovic, V., Zivkovic, V., Srejovic, I., Corbic, M., Milosevic, V., Jakovljevic, V. & **Milosavljevic, Z.** (2018). Nandrolone decanoate and physical activity affect quadriceps in peripubertal rats. Acta histochemica, 120(5), 429-437. | M23 |
| 4. | Nikolic, I., Andjelkovic, M., Zaric, M., Zelen, I., **Milosavljevic, Z.**, Canovic, P., & Mitrovic, M. (2018). Enhanced cytotoxicity and apoptosis by raloxifene in combination with estrogen and methotrexate in human endometrial stromal cells. Chemical biology & drug design, 91(4), 885-892. | M23 |
| 5. | Nikolic, I., Andjelkovic, M., Zaric, M., Zelen, I., Canovic, P., **Milosavljevic, Z.**, & Mitrovic, M. (2017). Induction of mitochondrial apoptotic pathway by raloxifene and estrogen in human endometrial stromal ThESC cell line. Archives of medical science: AMS, 13(2), 293. | M21 |
| 6. | Golijanin, R., Kujundžić, B., **Milosavljević, Z.**, Milovanović, D. R., Anđelković, Z., Obrenović, M., & Nikolić, R. (2015). Morphometric analysis of collagen and inflammatory cells in periodontal disease. Vojnosanitetski pregled, 72(3), 219-224. | M23 |
| 7. | Kastratovic, T., Arsenijevic, S., Matovic, Z., Mitrovic, M., Nikolic, I., **Milosavljevic, Z.**, Protrka, Z., & Sorak, M. (2015). Methotrexate and myotrexate induce apoptosis in human myoma fibroblasts (t hes cell line) via mitochondrial pathway. Acta Poloniae Pharmaceutica-Drug Research, 71(3), 455-64. | M23 |
| 8. | Zaric, M., Mitrovic, M., Nikolic, I., Baskic, D., Popovic, S., Djurdjevic, P., **Milosavljevic, Z.** & Zelen, I. (2015). Chrysin induces apoptosis in peripheral blood lymphocytes isolated from human chronic lymphocytic leukemia. Anti-Cancer Agents in Medicinal Chemistry, 15(2), 189-195. | M22 |
| 9. | **Milosavljevic, Z.**, Zelen, I., & Sazdanovic, M. (2014). Autonomic innervation of the periglomerular arteries. Anal Quant Cytopathol Histpathol, 36, 161-166. | М23 |
| 10. | **Milosavljevic, Z.**, Zelen, I., Tanaskovic, I., & Sazdanovic, M. (2013). Morphometric analysis of muscularis proper and myenteric plexus of the normal human oesophagus. Age related changes. Folia morphologica, 72(3), 223-229. | М23 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 69 |
| Total number of papers in SCI (SSCI) indexed journals | 16 |
| Current participation in projects | National: 1 | International:  |
| Professional development | 2007 TEMPUS grant, 2006 Contemporary forms of teaching UCSF, 2012 Erasmus |

|  |  |
| --- | --- |
| Name and surname | Boban Stojanović |
| Position | Full Professor |
| Narrow scientific or artistic field | Applied Computing and Information Technology and Systems |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2020. | Faculty of Science, Kragujevac | Technical sciences | Applied Computing and Information Technology and Systems |
| Doctoral degree | 2007. | Center for Interdisciplinary and multidisciplinary studies and research, University of Kragujevac | Technical sciences | Bioengineering |
| Diploma | 2002. | Faculty of Mechanical Engineering, Kragujevac | Mechanical Engineering | Applied Mechanics and Automation |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 19.RN2012 | Optimization | Doctoral academic studies |
| 2. | 19.RN2022 | Methods of modeling physical systems | Doctoral academic studies |
| 3. | 19.RN2023 | Computer modeling and simulations | Doctoral academic studies |
| 4. | 19.RN2024 | Innovative software development methods | Doctoral academic studies |
| 5. | 19.RN2025 | Methodology of scientific research 2 | Doctoral academic studies |
| 6. | 21.BID101 | Methodology of scientific research | Doctoral academic studies |
| 7. | 21.BID301 | Computer muscle modelling | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Simic, V., **Stojanovic, B.**, & Ivanovic, M. (2019). Optimizing the performance of optimization in the cloud environment–An intelligent auto-scaling approach. Future Generation Computer Systems, 101, 909-920. | М21а |
| 2. | **Stojanovic, B.**, Milivojevic, M., Milivojevic, N., & Antonijevic, D. (2016). A self-tuning system for dam behavior modeling based on evolving artificial neural networks. Advances in Engineering Software, 97, 85-95. | М21а |
| 3. | Ivanovic, M., Simic, V., **Stojanovic, B.**, Kaplarevic-Malisic, A., & Marovic, B. (2015). Elastic grid resource provisioning with WoBinGO: A parallel framework for genetic algorithm based optimization. Future Generation Computer Systems, 42, 44-54. | М21а |
| 4. | Mijailovich, S. M., Kayser-Herold, O., **Stojanovic, B.**, Nedic, D., Irving, T. C., & Geeves, M. A. (2016). Three-dimensional stochastic model of actin–myosin binding in the sarcomere lattice. Journal of General Physiology, 148(6), 459-488.. | М21а |
| 5. | **Stojanovic, B.**, Kojic, M., Rosic, M., Tsui, C. P., & Tang, C. Y. (2007). An extension of Hill's three‐component model to include different fibre types in finite element modelling of muscle. International journal for numerical methods in engineering, 71(7), 801-817. | М21а |
| 6. | Kojic, M., Vlastelica, I., **Stojanovic, B.**, Rankovic, V., & Tsuda, A. (2006). Stress integration procedures for a biaxial isotropic material model of biological membranes and for hysteretic models of muscle fibres and surfactant. International journal for numerical methods in engineering, 68(8), 893-909. | М21а |
| 7. | **Stojanovic, B.**, Svicevic, M., Kaplarevic-Malisic, A., Gilbert, R. J., & Mijailovich, S. M. (2020). Multi-scale striated muscle contraction model linking sarcomere length-dependent cross-bridge kinetics to macroscopic deformation. Journal of Computational Science, 39, 101062. | М21 |
| 8. | Ivanović, M., Kaplarević-Mališić, A., **Stojanović, B.**, Svičević, M., & Mijailovich, S. M. (2019). Machine learned domain decomposition scheme applied to parallel multi-scale muscle simulation. The International Journal of High Performance Computing Applications, 33(5), 885-896. | М21 |
| 9. | Mijailovich, S. M., **Stojanovic, B.**, Nedic, D., Svicevic, M., Geeves, M. A., Irving, T. C., & Granzier, H. L. (2019). Nebulin and titin modulate cross-bridge cycling and length-dependent calcium sensitivity. Journal of General Physiology, 151(5), 680-704.. | М21 |
| 10. | Mijailovich, S. M., Nedic, D., Svicevic, M., **Stojanovic, B.**, Walklate, J., Ujfalusi, Z., & Geeves, M. A. (2017). Modeling the actin. myosin ATPase cross-bridge cycle for skeletal and cardiac muscle myosin isoforms. Biophysical journal, 112(5), 984-996. | М21 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 381 (h-index 12) |
| Total number of papers in SCI (SSCI) indexed journals | 21 |
| Current participation in projects | National: 5 | International: 3 |
| Professional development | Five-month training at the Polytechnic University of Hong Kong |
| Additional relevant information | Author of 2 monographs and several chapters in monographs. Manager of several projects with the economy. |

|  |  |
| --- | --- |
| Name and surname | Marina Svičević |
| Position | Assistant Professor |
| Narrow scientific or artistic field | Computing methodologies |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2021. | Faculty of Science, Kragujevac | Computer science | Computing methodologies |
| Doctoral degree | 2020. | Faculty of Science, Kragujevac | Computer science | Computing methodologies |
| Diploma | 2009. | Faculty of Science, Kragujevac | Mathematics-informatics | Mathematics |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | RN2022 | Methods of modeling physical systems | Doctoral academic studies |
| 2. | 21.BID301 | Computer muscle modelling | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Mijailovich, S. M., Nedic, D., **Svicevic, M.**, Stojanovic, B., Walklate, J., Ujfalusi, Z., & Geeves, M. A. (2017). Modeling the actin. myosin ATPase cross-bridge cycle for skeletal and cardiac muscle myosin isoforms. Biophysical journal, 112(5), 984-996. | M21 |
| 2. | Ivanovic, M., **Svicevic, M.**, & Savovic, S. (2017). Numerical solution of Stefan problem with variable space grid method based on mixed finite element/finite difference approach. International Journal of Numerical Methods for Heat & Fluid Flow, 27(12), 2682-2695. | M21 |
| 3. | Ujfalusi, Z., Vera, C. D., Mijailovich, S. M., **Svicevic, M.**, Yu, E. C., Kawana, M., Ruppel, K. M., Spudich, J. A., Geeves, M. A., & Leinwand, L. A. (2018). Dilated cardiomyopathy myosin mutants have reduced force-generating capacity. Journal of Biological Chemistry, 293(23), 9017-9029. | M21 |
| 4. | Ivanović, M., Kaplarević-Mališić, A., Stojanović, B., **Svičević, M.**, & Mijailovich, S. M. (2019). Machine learned domain decomposition scheme applied to parallel multi-scale muscle simulation. The International Journal of High Performance Computing Applications, 33(5), 885-896. | M21 |
| 5. | Johnson, C. A., Walklate, J., **Svicevic, M.**, Mijailovich, S. M., Vera, C., Karabina, A., Leinwand, L. A., & Geeves, M. A. (2019). The ATPase cycle of human muscle myosin II isoforms: Adaptation of a single mechanochemical cycle for different physiological roles. Journal of Biological Chemistry, 294(39), 14267-14278.  | M21 |
| 6. | Vera, C. D., Johnson, C. A., Walklate, J., Adhikari, A., **Svicevic, M.**, Mijailovich, S. M., Combs, A. C., Langer, S. J., Ruppel, K. M., Spudich, J. A., Geeves, M. A., & Leinwand, L. A. (2019). Myosin motor domains carrying mutations implicated in early or late onset hypertrophic cardiomyopathy have similar properties. Journal of Biological Chemistry, 294(46), 17451-17462. | M21 |
| 7. | Mijailovich, S. M., Stojanovic, B., Nedic, D., **Svicevic, M.**, Geeves, M. A., Irving, T. C., & Granzier, H. L. (2019). Nebulin and titin modulate cross-bridge cycling and length-dependent calcium sensitivity. Journal of General Physiology, 151(5), 680-704.. | M21 |
| 8. | Stojanovic, B., **Svicevic, M.**, Kaplarevic-Malisic, A., Gilbert, R. J., & Mijailovich, S. M. (2020). Multi-scale striated muscle contraction model linking sarcomere length-dependent cross-bridge kinetics to macroscopic deformation. Journal of Computational Science, 39, 101062.  | M21 |
| 9. | Stojanović, B., Ivanović, M., Kaplarević-Mališić, A., Simić, V., Milivojević, M., Nedić, Đ., **Svičević, M.**, Milivojević, N., & Mijailović, S. (2016). Multi-modeling and multi-scale modeling as tools for solving complex real-world problems. Journal of Serbian Society for Computational Mechanics, 10(1), 34-49.  | M53 |
| 10. | Stojanovic, B., **Svicevic, M.**, Nedic, D., Ivanovic, M., & Mijailovich, S. M. (2012). Estimating parameters of a model of thin filament regulation in solution using genetic algorithms. Journal of the Serbian Society for Computational Mechanics/Vol, 6(1), 41-55. | M53 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 99 |
| Total number of papers in SCI (SSCI) indexed journals | 8 |
| Current participation in projects | National:  | International:  |

|  |  |
| --- | --- |
| Name and surname | Milan Kovačević |
| Position | Full Professor |
| Narrow scientific or artistic field | Atomic, molecular and optical physics |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2019 | Faculty of Science, Kragujevac | Physics | Atomic, Molecular and Optical physics |
| Doctoral degree | 2007 | Faculty of Science, Kragujevac | Physics | Photonics |
| Magister degree | 2000 | Faculty of Physics, Belgrade | Physics | Theoretical Physics of Plasma |
| Diploma | 1993 | Faculty of Science, Kragujevac | Physics | General Physics |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | FIZD25 | Selected Chapters in Wave Physics | Doctoral academic studies |
| 2. | FIZD36 | Experiments in physics teaching | Doctoral academic studies |
| 3. | 21.BID204 | Biophysics | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | **Kovačević, M. S.**, Kuzmanović, L., Milošević, M. M., & Djordjevich, A. (2021). An estimation of the axial structure of surface-wave produced plasma column. Physics of Plasmas, 28(2), 023502. | M22 |
| 2. | Kuzmanović, L., Milošević, M. M., **Kovačević, M. S.**, & Djordjevich, A. (2020). An estimation of far-field intensity distribution for photonic crystal fibers based on empirical relations. Optical and Quantum Electronics, 52(2), 1-10. | M23 |
| 3. | **Kovačević, M. S.**, Kuzmanović, L., Simović, A., Savović, S., Drljača, B., & Djordjevich, A. (2018). Calculation of the bandwidth of W-type photonic crystal fibers by time-dependent power flow equation. Optics Communications, 427, 348-353. | M22 |
| 4. | **Kovacevic, M. S.**, Kuzmanovic, L., & Djordjevich, A. (2018). Estimation of Rayleigh scattering loss in a double-clad photonic crystal fiber. Optical and Quantum Electronics, 50(5), 1-10. | M23 |
| 5. | **Kovačević, M. S.**, Kuzmanović, L., Simović, A., Savović, S., & Djordjevich, A. (2017). Transients of modal-power distribution in multimode solid-core W-type photonic crystal fibers. Journal of Lightwave Technology, 35(20), 4352-4357. | M21 |
| 6. | **Kovacevic, M. S.**, Wong, K. K., & Oh, K. (2017). A rigorous analysis of the intermodal delay in few-mode fibers. Indian Journal of Physics, 91(12), 1609-1614. | M22 |
| 7. | **Kovacevic, M. S.**, Kuzmanovic, L., & Djordjevich, A. (2016). An analysis of W-shaped plastic optical fibers by WKB approximation. Optical and Quantum Electronics, 48(6), 326. | M23 |
| 8. | Savović, S., **Kovačević, M. S.**, Bajić, J. S., Stupar, D. Z., Djordjevich, A., Živanov, M., Drljača, B., Simović, A., & Oh, K. (2015). Temperature dependence of mode coupling in low-NA plastic optical fibers. Journal of Lightwave Technology, 33(1), 89-94. | M21 |
| 9. | **Kovačević, M. S.**, Savović, S., Djordjevich, A., Bajić, J., Stupar, D., Kovačević, M., & Simić, S. (2013). Measurements of growth and decay of radiation induced attenuation during the irradiation and recovery of plastic optical fibres. Optics & Laser Technology, 47, 148-151. | M21 |
| 10. | **Kovačević, M. S.**, & Nikezić, D. (2012). Monte Carlo simulation of Goos–Hänchen shifts in multimode step-index plastic optical fibres. Physica Scripta, 2012(T149), 014029. | M22 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 178 |
| Total number of papers in SCI (SSCI) indexed journals | 49 |
| Current participation in projects | National:  | International:  |
| Professional development | 2002, 2005, 2006, 2007, 2008, 2009, 2012, 2018: City University of Hong Kong: (Research Assistant, Senior Research Assistant, Research Fellow. 2015: University of Honk Kong (Research Associate). 2014, 2016: Yonsei University, Seoul, South Korea (Visiting Professor) |

|  |  |
| --- | --- |
| Name and surname | Miloš Ivanović |
| Position | Associate Professor |
| Narrow scientific or artistic field | Computer communications |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2017. | Faculty of Science, Kragujevac | Computer Science | Computer Communications |
| Doctoral degree | 2010. | Faculty of Science, Kragujevac | Computer Science | Applied Computing |
| Diploma | 2002. | Faculty of Science, Kragujevac | Physics-Informatics | Physics |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | B301 | Biostatistics and bioinformatics | Doctoral academic studies |
| 2. | B337 | Applied bioinformatics | Doctoral academic studies |
| 3. | MD2001 | Methodology of scientific research | Doctoral academic studies |
| 4. | RN2013 | Database technologies | Doctoral academic studies |
| 5. | RN2014 | Distributed systems and cloud services | Doctoral academic studies |
| 6. | RN2015 | Parallel computing | Doctoral academic studies |
| 7. | 21.BID202 | Biostatistics with bioinformatics | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Furtula, B., Gutman, I., **Ivanović, M.**, & Vukičević, D. (2012). Computer search for trees with minimal ABC index. Applied mathematics and computation, 219(2), 767-772. | M21 |
| 2. | Stojanovic, B., Milivojevic, M., **Ivanovic, M.**, Milivojevic, N., & Divac, D. (2013). Adaptive system for dam behavior modeling based on linear regression and genetic algorithms. Advances in Engineering Software, 65, 182-190. | M21 |
| 3. | **Ivanovic, M.**, Simic, V., Stojanovic, B., Kaplarevic-Malisic, A., & Marovic, B. (2015). Elastic grid resource provisioning with WoBinGO: A parallel framework for genetic algorithm based optimization. Future Generation Computer Systems, 42, 44-54. | M21 |
| 4. | **Ivanović, M.**, Stojanović, B., Kaplarević-Mališić, A., Gilbert, R., & Mijailovich, S. (2016). Distributed multi-scale muscle simulation in a hybrid MPI–CUDA computational environment. Simulation, 92(1), 19-31. | M23 |
| 5. | Drenovak, M., Ranković, V., **Ivanović, M.**, Urošević, B., & Jelic, R. (2017). Market risk management in a post-Basel II regulatory environment. European Journal of Operational Research, 257(3), 1030-1044. | M21 |
| 6. | Lecca, G., Petitdidier, M., Hluchy, L., **Ivanovic, M.**, Kussul, N., Ray, N., & Thieron, V. (2011). Grid computing technology for hydrological applications. Journal of Hydrology, 403(1-2), 186-199. | M21 |
| 7. | **Ivanovic, M.**, Svicevic, M., & Savovic, S. (2017). Numerical solution of Stefan problem with variable space grid method based on mixed finite element/finite difference approach. International Journal of Numerical Methods for Heat & Fluid Flow, 27(12), 2682-2695.. | M21 |
| 8. | **Ivanović, M.**, Kaplarević-Mališić, A., Stojanović, B., Svičević, M., & Mijailovich, S. M. (2019). Machine learned domain decomposition scheme applied to parallel multi-scale muscle simulation. The International Journal of High Performance Computing Applications, 33(5), 885-896. | M21 |
| 9. | Simic, V., Stojanovic, B., & **Ivanovic, M.** (2019). Optimizing the performance of optimization in the cloud environment–An intelligent auto-scaling approach. Future Generation Computer Systems, 101, 909-920. | M21 |
| 10. | Nikolić, S., Stevanović, N., & **Ivanović, M.** (2020). Optimizing parallel particle tracking in Brownian motion using machine learning. The International Journal of High Performance Computing Applications, 34(5), 532-546. | M21 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 292 |
| Total number of papers in SCI (SSCI) indexed journals | 19 |
| Current participation in projects | National: 1 | International: 2 |
| Professional development | Uni. Braunschweig Germany, Cranfield Uni. UK |

|  |  |
| --- | --- |
| Name and surname | Nenad Stevanović |
| Position | Associate Professor |
| Narrow scientific or artistic field | Radiation Physics |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2016 | Faculty of Science, Kragujevac | Physics | Radiation Physics |
| Doctoral degree | 2007 | Faculty of Science, Kragujevac | Physics | Radiation Physics |
| Magister degree | 2004 | Faculty of Science, Kragujevac | Physics | Radiation Physics |
| Diploma | 2000 | Faculty of Science, Kragujevac | Physics | Physics |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | FIZD30 | Higher course in radiation physics | Doctoral academic studies |
| 2. | 21.BID103 | Interaction of radiation with biological systems | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Markovic, V. M., Markovic, A. G., **Stevanovic, N.**, & Nikezic, D. (2019). Rn progeny diffusion, deposition and track distribution in diffusion chamber with permeable membrane. Radiation Measurements, 124, 146-157. | M22 |
| 2. | Markovic, V. M., **Stevanovic, N.**, & Nikezic, D. (2019). Propagation of light from dipole source and generalization of Fresnel-Kirchhoff integral. Optik, 180, 447-454. | M22 |
| 3. | **Stevanovic, N.**, Markovic, V. M., & Nikezic, D. (2017). Time dependence of 222Rn, 220Rn and their progenies’ distributions in a diffusion chamber. Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 872, 93-99. | M21 |
| 4. | Markovic, V. M., Nikezic, D., & **Stevanovic, N.** (2017). 222Rn and 220Rn diffusion in two mediums. Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 857, 16-23. | M21 |
| 5. | **Stevanovic, N.**, Markovic, V. M., & Nikezic, D. (2017). New method for determination of diffraction light pattern of the arbitrary surface. Optics & Laser Technology, 90, 90-95. | M22 |
| 6. | **Stevanovic, N.**, & Markovic, V. M. (2016). Diffraction pattern by rotated conical tracks in solid state nuclear track detectors. Optics & Laser Technology, 80, 204-208. | M22 |
| 7. | Milenkovic, B., **Stevanovic, N.**, Krstic, D., & Nikezic, D. (2014). Neutron detection by a CR-39 detector and analysis of proton tracks etched in the same and opposite directions. Radiation protection dosimetry, 161(1-4), 108-111. | M23 |
| 8. | Milenkovic, B., **Stevanovic, N.**, Nikezic, D., & Kosutic, D. (2014). Determination of a CR-39 detector response to neutrons from an Am–Be source. Applied Radiation and Isotopes, 90, 225-228. | M22 |
| 9. | Markovic, V. M., **Stevanovic, N.**, Nikezic, D., Pucic, D. F., & Urosevic, V. (2014). Specific energy distribution within cytoplasm and nucleoplasm of a typical mammalian cell due to various beta radionuclides. Journal of Radioanalytical and Nuclear Chemistry, 299(3), 1723-1730. | M23 |
| 10. | Marković, V. M., Krstić, D., **Stevanović, N.**, & Nikezić, D. R. (2013). Photon albedo for water, concrete, and iron at normal incidence, and dependence on the thickness of reflecting material. Nuclear Technology and Radiation Protection, 28(1), 36-44. | M23 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 268 |
| Total number of papers in SCI (SSCI) indexed journals | 46 |
| Current participation in projects | National: 1 | International:  |

|  |  |
| --- | --- |
| Name and surname | Slađana Dimitrijević |
| Position | Assistant Professor |
| Narrow scientific or artistic field | Mathematical Analysis with Applications |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2013. | Faculty of Science, Kragujevac | Mathematics | Mathematical Analysis with Applications |
| Doctoral degree | 2013. | Faculty of Science, Kragujevac | Mathematics | Probability Theory |
| Diploma | 1999. | Faculty of Science, Kragujevac | Mathematics | Mathematics |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | MD2332 | Derivations and integrals of fractured order | Doctoral academic studies |
| 2. | MD2333 | Stochastic analysis | Doctoral academic studies |
| 3. | MD2344 | Stochastic differential equations | Doctoral academic studies |
| 4. | RN2027 | Selected Chapters of Mathematical Methods 2 | Doctoral academic studies |
| 5. | B301 | Biostatistics and bioinformatics | Doctoral academic studies |
| 6. | B336 | Statistics in biological research | Doctoral academic studies |
| 7. | 21.BID202 | Biostatistics with bioinformatics | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Cabada, A., Aleksić, S., Tomović, T. V., & **Dimitrijević, S.** (2019). Existence of solutions of nonlinear and non-local fractional boundary value problems. Mediterranean Journal of Mathematics, 16(5), 1-18. | M21 |
| 2. | Cabada, A., **Dimitrijevic, S.**, Tomovic, T., & Aleksic, S. (2017). The existence of a positive solution for nonlinear fractional differential equations with integral boundary value conditions. Math. Methods Appl. Sci, 40(6), 1880-1891. | M22 |
| 3. | Petrović, L., **Dimitrijević, S.**, & Valjarević, D. (2016). Granger causality and stopping times. Lithuanian Mathematical Journal, 56(3), 410-416. | M22 |
| 4. | Petrović, L., & **Dimitrijević, S.** (2012). Causality with finite horizon of the past in continuous time. Statistics & Probability Letters, 82(7), 1219-1223. | M23 |
| 5. | Stanić, M. P., Cvetković, A. S., Simić, S., & **Dimitrijević, S.** (2012). Common fixed point under contractive condition of Ćirić’s type on cone metric type spaces. Fixed Point Theory and Applications, 2012(1), 1-7. | M21a |
| 6. | Petrović, L., & **Dimitrijević, S.** (2011). Invariance of statistical causality under convergence. Statistics & probability letters, 81(9), 1445-1448. | M23 |
| 7. | Petrović, L., & **Dimitrijević, S.** (2011). Statistical causality and adapted distribution. Czechoslovak mathematical journal, 61(3), 827. | M23 |
| 8. | Cvetković, A., Stanić, M., **Dimitrijević, S.**, & Simić, S. (2011). Common fixed point theorems for four mappings on cone metric type space. Fixed Point Theory and Applications, 2011, 1-15. | M21a |
| 9. | Šarenac-Kovač, R., Perišić, M., Tomić, D., **Dimitrijević, S.**, & Jurišić, V. (2015). Doppler ultrasound study of portal hemodynamics in patients with Gaucher disease. Archives of Biological Sciences, 67(1), 11-18. | M23 |
| 10. | Glišić, T. M., Perišić, M. D., **Dimitrijevic, S.**, & Jurišić, V. (2014). Doppler assessment of splanchnic arterial flow in patients with liver cirrhosis: correlation with ammonia plasma levels and MELD score. Journal of Clinical Ultrasound, 42(5), 264-269. | M23 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 70 |
| Total number of papers in SCI (SSCI) indexed journals | 13 |
| Current participation in projects | National: 1 | International: 1 |

|  |  |
| --- | --- |
| Name and surname | Dalibor Nikolić |
| Position | Research Associate |
| Narrow scientific or artistic field | Applied Informatics and Computer Engineering |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2019 | Faculty of Engineering | Technical and technological sciences - electrical engineering, telecommunications and information technology | Applied Informatics and Computer Engineering |
| Doctoral degree | 2017 | Faculty of Engineering | Mechanical Engineering | Applied Informatics and Computer Engineering |
| Diploma | 2011 | Faculty of Engineering | Mechanical Engineering | Applied Informatics and Computer Engineering |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID206 | Biomedical implants | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Filipovic, N., **Nikolic, D.**, Isailovic, V., Milosevic, M., Geroski, V., Karanasiou, G., Fawdry, M., Flanagan, A., Fotiadis, D., & Kojic, M. (2021). In vitro and in silico testing of partially and fully bioresorbable vascular scaffold. Journal of Biomechanics, 115, 110158. | M22 |
| 2. | **Nikolić, D.**, Radović, M., Aleksandrić, S., Tomašević, M., & Filipović, N. (2014). Prediction of coronary plaque location on arteries having myocardial bridge, using finite element models. Computer methods and programs in biomedicine, 117(2), 137-144. | M21 |
| 3. | Filipovic, N., Gibney, B. C., Kojic, M., **Nikolic, D.**, Isailovic, V., Ysasi, A., Konerding, M.A., Mentzer, S.J., & Tsuda, A. (2013). Mapping cyclic stretch in the postpneumonectomy murine lung. Journal of Applied Physiology, 115(9), 1370-1378. | M21 |
| 4. | Filipovic, N., **Nikolic, D.**, Saveljic, I., Milosevic, Z., Exarchos, T., Pelosi, G., & Parodi, O. (2013). Computer simulation of three-dimensional plaque formation and progression in the coronary artery. Computers & Fluids, 88, 826-833. | M21 |
| 5. | Janovic, A., Milovanovic, P., Saveljic, I., **Nikolic, D.**, Hahn, M., Rakocevic, Z., Filipovic, N., Amling, M., Busse, B., & Djuric, M. (2014). Microstructural properties of the mid-facial bones in relation to the distribution of occlusal loading. Bone, 68, 108-114. | M21 |
| 6. | Parodi, O., Exarchos, T. P., Marraccini, P., Vozzi, F., Milosevic, Z., **Nikolic, D.**, Sakellarios, A., Siogkas, P. K., Fotiadis, D. I., & Filipovic, N. (2012). Patient-specific prediction of coronary plaque growth from CTA angiography: a multiscale model for plaque formation and progression. Ieee Transactions on Information Technology in Biomedicine, 16(5), 952-965. | М21 |
| 7. | Filipovic, N., Rosic, M., Tanaskovic, I., Milosevic, Z., **Nikolic, D.**, Zdravkovic, N., Peulic, A., Kojic, M.R., Fotiadis, D.I., & Parodi, O. (2011). ARTreat project: three-dimensional numerical simulation of plaque formation and development in the arteries. IEEE Transactions on Information Technology in Biomedicine, 16(2), 272-278. | М21 |
| 8. | Filipovic, N., **Nikolic, D.**, Saveljic, I., Tanaskovic, I., Zdravkovic, N., Zivanovic, A., Arsenijevic, P., Jeremic, B., & Arsenijevic, S. (2013). Computer simulation of cervical tissue response to a hydraulic dilator device. Theoretical Biology and Medical Modelling, 10(1), 1-9. | М22 |
| 9. | Janovic, A., Saveljic, I., Vukicevic, A., **Nikolic, D.**, Rakocevic, Z., Jovicic, G., Filipovic, N., & Djuric, M. (2015). Occlusal load distribution through the cortical and trabecular bone of the human mid-facial skeleton in natural dentition: a three-dimensional finite element study. Annals of Anatomy-Anatomischer Anzeiger, 197, 16-23.  | М22 |
| 10. | Antic, S., Saveljic, I., **Nikolic, D.**, Jovicic, G., Filipovic, N., Rakocevic, Z., & Djuric, M. (2016). Does the presence of an unerupted lower third molar influence the risk of mandibular angle and condylar fractures?. International journal of oral and maxillofacial surgery, 45(5), 588-592. | М22 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 70 |
| Total number of papers in SCI (SSCI) indexed journals | 13 |
| Current participation in projects | National: 2 | International: 6 |
| Professional development | SCOPES Workshop, Fribourg, Switzerland, 2014; SCOPES Workshop, Fribourg, Switzerland, 2015 |
| Additional relevant information | Secretary of the Serbian Society of Mechanics; Member of the Serbian Society for Computational Mechanics; Member of the International Union for Theoretical and Applied Mechanics IUTAM (International Union of Theogetical and Applied Mechanics); Member of the International Association for Computational Mechanics (IACM) and the European Community on Computational Methods in Applied Sciences (ECCOMAS). |

|  |  |
| --- | --- |
| Name and surname | Danijela Cvetković |
| Position | Research Associate |
| Narrow scientific or artistic field | Biology |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2018 | Faculty of Science, University of Kragujevac | Biology | Biology |
| Doctoral degree | 2017 | Faculty of Science, University of Kragujevac | Biology | Animal and Human Physiology and Molecular biology |
| Diploma | 2008 | Faculty of Science, University of Kragujevac | Biology | Biology |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID107 | Structure and function of nucleic acids and proteins | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Milutinović, M., & **Cvetković, D.** (2020). Anticancer Activity of Secondary Metabolites of Teucrium Species. In Teucrium Species: Biology and Applications (pp. 355-390). Springer, Cham. | М13 |
| 2. | Nikodijević, D. D., Milutinović, M. G., **Cvetković, D. M.**, Ćupurdija, M. Đ., Jovanović, M. M., Mrkić, I. V., Jankulović-Gavrović, M.Đ., & Marković, S. D. (2019). Impact of bee venom and melittin on apoptosis and biotransformation in colorectal carcinoma cell lines. Toxin Reviews, 1-8. | М22 |
| 3. | Cvetkovic, A., **Cvetkovic, D.**, Stojic, V., & Zdravkovic, N. (2017). Length of Hospital Stay and Bed Occupancy Rates in Former Yugoslav Republics 1989–2015. Role of Health Economic Data in Policy Making and Reimbursement of New Medical Technologies in Role of Health Economic Data in Policy Making and Reimbursement of New Medical Technologies (pp. 101 - 166). Frontiers.  | М14 |
| 4. | Milutinović, M. G., Maksimović, V. M., **Cvetković, D. M.**, Nikodijević, D. D., Stanković, M. S., Pešić, M., & Marković, S. D. (2019). Potential of Teucrium chamaedrys L. to modulate apoptosis and biotransformation in colorectal carcinoma cells. Journal of ethnopharmacology, 240, 111951. | M21 |
| 5. | **Cvetković, D. M.**, Jovankić, J. V., Milutinović, M. G., Nikodijević, D. D., Grbović, F. J., Ćirić, A. R., Topuzović, M.D., & Marković, S. D. (2019). The anti-invasive activity of Robinia pseudoacacia L. and Amorpha fruticosa L. on breast cancer MDA-MB-231 cell line. Biologia, 74(7), 915-928. | M23 |
| 6. | **Cvetković, D. M.**, Živanović, M. N., Milutinović, M. G., Djukić, T. R., Radović, M. D., Cvetković, A. M., Filipović, N.D., & Zdravković, N. D. (2017). Real-time monitoring of cytotoxic effects of electroporation on breast and colon cancer cell lines. Bioelectrochemistry, 113, 85-94. | М21 |
| 7. | Cvetkovic, A., **Cvetkovic, D.**, Stojic, V., & Zdravkovic, N. (2016). Length of Hospital Stay and Bed Occupancy Rates in Former Yugoslav Republics 1989–2015. Frontiers in pharmacology, 7, 417. | М21 |
| 8. | Ćurčić, M. G., Stanković, M. S., Mrkalić, E. M., Matović, Z. D., Banković, D. D., **Cvetković, D. M.**, Đačić, D.S., & Marković, S. D. (2012). Antiproliferative and proapoptotic activities of methanolic extracts from Ligustrum vulgare L. as an individual treatment and in combination with palladium complex. International journal of molecular sciences, 13(2), 2521-2534. | М21 |
| 9. | Filipovic, N., Djukic, T., Radovic, M., **Cvetkovic, D.**, Curcic, M., Markovic, S., Peulic, A., & Jeremic, B. (2014). Electromagnetic field investigation on different cancer cell lines. Cancer Cell International, 14(1), 1-10. | М23 |
| 10. | **Cvetković, D. M.**, Milošević, B. Z., Cvetković, A. M., Ninković, S. M., Jovankić, J. V., Jovanović, D. V., & Marković, S. D. (2019). The concentration of matrix metalloproteinase 9 in the tumor and peritumoral tissue as a prognostic marker in the breast cancer patients. Vojnosanitetski pregled, 76(5), 476-484. | M23 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 132, h-index 7 |
| Total number of papers in SCI (SSCI) indexed journals | 17 |
| Current participation in projects | National: 4 | International: 1 |
| Professional development | April 2011, Curie Institute, Paris, Department of Cell Biology and Molecular Biology, as a researcher on the FP7 project Center for Preclinical Testing of Active Substances (CPCTAS) (2008-2011). Institute for Brain Examination, University of Zagreb - May 2017 |
| Additional relevant information | Award for the best doctoral dissertation in the field of molecular biology for 2017, for achieved results in the field of molecular biology, awarded by the "Goran Ljubijankić" Foundation, Institute of Molecular Genetics and Genetic Engineering, University of Belgrade. Award for the best doctoral dissertation in the Republic of Serbia with application in the economy for 2017, awarded by the Chamber of Commerce of Serbia of the Republic of Serbia. |

|  |  |
| --- | --- |
| Name and surname | Dejan Milenković |
| Position | Senior Research Associate |
| Narrow scientific or artistic field | Chemistry |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2020. | University of Belgrade, Institute of Chemistry, Technology and Metallurgy, National Institute of the Republic of Serbia | Natural sciences - Chemistry | Chemistry |
| Doctoral degree | 2014.  | Faculty of Science, University of Kragujevac | Chemistry | Chemistry - Organic Chemistry |
| Diploma | 2007. | Faculty of Science, University of Kragujevac | Chemistry | Chemistry |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID209 | Molecular design of bioactive compounds | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Dimić, D. S., **Milenković, D. A.**, Avdović, E. H., Nakarada, Đ. J., Marković, J. M. D., & Marković, Z. S. (2021). Advanced oxidation processes of coumarins by hydroperoxyl radical: an experimental and theoretical study, and ecotoxicology assessment. Chemical Engineering Journal, 130331. | М21а |
| 2. | **Milenković, D. A.**, Dimić, D. S., Avdović, E. H., Amić, A. D., Marković, J. M. D., & Marković, Z. S. (2020). Advanced oxidation process of coumarins by hydroxyl radical: Towards the new mechanism leading to less toxic products. Chemical Engineering Journal, 395, 124971. | М21а |
| 3. | **Milenković, D. A.**, Dimić, D. S., Avdović, E. H., & Marković, Z. S. (2020). Several coumarin derivatives and their Pd (II) complexes as potential inhibitors of the main protease of SARS-CoV-2, an in silico approach. RSC Advances, 10(58), 35099-35108. | М22 |
| 4. | Stepanić, V., Matić, S., Amić, A., Lučić, B., **Milenković, D.**, & Marković, Z. (2019). Effects of conjugation metabolism on radical scavenging and transport properties of quercetin–In silico study. Journal of Molecular Graphics and Modelling, 86, 278-285. | М22 |
| 5. | Avdović, E. H., **Milenković, D.**, Marković, J. M. D., Đorović, J., Vuković, N., Vukić, M. D., Jevtić, V.V., Trifunović, S.R., Potočňák, I., & Marković, Z. (2018). Synthesis, spectroscopic characterization (FT-IR, FT-Raman, and NMR), quantum chemical studies and molecular docking of 3-(1-(phenylamino) ethylidene)-chroman-2, 4-dione. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 195, 31-40. | М21 |
| 6. | Amić, A., Marković, Z., Klein, E., Marković, J. M. D., & **Milenković, D.** (2018). Theoretical study of the thermodynamics of the mechanisms underlying antiradical activity of cinnamic acid derivatives. Food chemistry, 246, 481-489. | М21а |
| 7. | Dimić, D., **Milenković, D.**, Ilić, J., Šmit, B., Amić, A., Marković, Z., & Marković, J. D. (2018). Experimental and theoretical elucidation of structural and antioxidant properties of vanillylmandelic acid and its carboxylate anion. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 198, 61-70. | М21 |
| 8. | Dimić, D., **Milenković, D.**, Marković, J. D., & Marković, Z. (2017). Antiradical activity of catecholamines and metabolites of dopamine: theoretical and experimental study. Physical Chemistry Chemical Physics, 19(20), 12970-12980. | М21 |
| 9. | Tošović, J., Marković, S., Marković, J. M. D., Mojović, M., & **Milenković, D.** (2017). Antioxidative mechanisms in chlorogenic acid. Food chemistry, 237, 390-398. | М21а |
| 10. | Dekić, M., Kolašinac, R., Radulović, N., Šmit, B., Amić, D., Molčanov, K., Molčanov, K., **Milenković, D.**, & Marković, Z. (2017). Synthesis and theoretical investigation of some new 4-substituted flavylium salts. Food chemistry, 229, 688-694. | М21а |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 626 |
| Total number of papers in SCI (SSCI) indexed journals | 49 |
| Current participation in projects | National:  | International:  |
| Professional development | Department of Coatings and Polymeric Materials, North Dakota State University, Fargo, USA |
| Additional relevant information | Scientific announcements:> 70, Reviewer:> 10 scientific journals from the SCI list. 2016: Member of Society of Biophysicists of Serbia. He is currently a mentor in the preparation of a doctoral dissertation. |

|  |  |
| --- | --- |
| Name and surname | Dragana Šeklić |
| Position | Research Associate |
| Narrow scientific or artistic field | Biology |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2019 | Faculty of Science, University of Kragujevac | Biology | Cell and Molecular Biology |
| Doctoral degree | 2018 | Faculty of Science, University of Kragujevac | Biology | Cell and Molecular Biology |
| Diploma | 2008 | Faculty of Science, University of Kragujevac | Biology | Biology |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID107 | Structure and function of nucleic acids and proteins | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Milanović, Ž. B., Marković, Z. S., Dimić, D. S., Klisurić, O. R., Radojević, I. D., **Šeklić, D. S.**, Živanović, M.N., Marković, J.D., Radulović, M., & **Avdović, E. H.** (2021). Synthesis, structural characterization, biological activity and molecular docking study of 4, 7-dihydroxycoumarin modified by aminophenol derivatives. Comptes Rendus. Chimie, 24(2), 215-232. | М22 |
| 2. | Avdović, E. H., Milanović, Ž. B., Živanović, M. N., **Šeklić, D. S.**, Radojević, I. D., Čomić, L. R., Trifunović, S.R., Amić, A., & Marković, Z. S. (2020). Synthesis, spectroscopic characterization, biological activity, DFT and molecular docking study of novel 4-hydroxycoumarine derivatives and corresponding palladium (II) complexes. Inorganica Chimica Acta, 504, 119465. | М22 |
| 3. | Kosanic, M. M., **Šeklic, D. S.**, Jovanovic, M. M., Petrovic, N. N., & Markovic, S. D. (2020). Hygrophorus eburneus, edible mushroom, a promising natural bioactive agent. EXCLI journal, 19, 442. | М22 |
| 4. | **Šeklić, D. S.**, Obradović, A. D., Stanković, M. S., Živanović, M. N., Mitrović, T. L., Stamenković, S. M., & Marković, S. D. (2018). Proapoptotic and antimigratory effects of Pseudevernia furfuracea and Platismatia glauca on colon cancer cell lines. Food technology and biotechnology, 56(3), 421-430. | М22 |
| 5. | Tošić-Pajić, J., **Šeklić, D.**, Radenković, J., Marković, S., Čukić, J., Baskić, D., Popović, S., Todorović, M., & Sazdanović, P. (2017). Augmented oxidative stress in infertile women with persistent chlamydial infection. Reproductive biology, 17(2), 120-125. | М23 |
| 6. | Živanovic, M., Kosaric, J., Šmit, B., **Šeklić, D.**, Pavlovic, R., & Marković, S. (2017). Novel seleno-hydantoin palladium (II) complex-antimigratory, cytotoxic and prooxidative potential on human colon HCT-116 and breast MDA-MB-231 cancer cells. General physiology and biophysics, 36(2), 187-196.  | М23 |
| 7. | **Šeklić, D. S.**, Stanković, M. S., Milutinović, M. G., Topuzović, M. D., Štajn, A. Š., & Marković, S. D. (2016). Cytotoxic, antimigratory, pro-and antioxidative activities of extracts from medicinal mushrooms on colon cancer cell lines. Archives of Biological Sciences, 68(1), 93-105. | М23 |
| 8. | Ćurčić, M. G., Stanković, M. S., Mrkalić, E. M., Matović, Z. D., Banković, D. D., Cvetković, D. M., **Đačić, D.S.**, & Marković, S. D. (2012). Antiproliferative and proapoptotic activities of methanolic extracts from Ligustrum vulgare L. as an individual treatment and in combination with palladium complex. International journal of molecular sciences, 13(2), 2521-2534. | М21 |
| 9. | Mitrović, T., Stamenković, S., Cvetković, V., Tošić, S., Stanković, M., Radojević, I., Stefanović, O., Čomić, L., **Đačić, D.**, Ćurčić, M., & Marković, S. (2011). Antioxidant, antimicrobial and antiproliferative activities of five lichen species. International journal of molecular sciences, 12(8), 5428-5448. | М21 |
| 10. | Kosanić, M., **Šeklić, D.**, Marković, S., & Ranković, B. (2014). Evaluation of antioxidant, antimicrobial and anticancer properties of selected lichens from Serbia. Digest Journal of Nanomaterials & Biostructures (DJNB), 9(1), 273-287. | М22 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 246 |
| Total number of papers in SCI (SSCI) indexed journals | 19 |
| Current participation in projects | National: 1 | International:  |
| Professional development | 11/1/2008 - 31.12.2008. year, 2 months, Curie Institute, Paris, Department of Cell Biology and Molecular Biology, as a researcher on the FP7 project Center for Preclinical Testing of Active Substances (CPCTAS) (2008-2011). |

|  |  |
| --- | --- |
| Name and surname | Dušica Simijonović |
| Position | Senior Research Associate |
| Narrow scientific or artistic field | Chemistry – Organic chemistry |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2020 | University of Kragujevac, Faculty of Science | Natural sciences | Chemistry - Organic Chemistry |
| Doctoral degree | 2014 | University of Kragujevac, Faculty of Science | Natural sciences | Chemistry  |
| Diploma | 2007 | University of Kragujevac, Faculty of Science | Natural sciences | Chemistry |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID307 | Synthesis of bioactive compounds | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | **Simijonović, D.**, Vlachou, E. E. N., Litinas, K. E., Petrović, Z. D., & Petrović, V. P. (2021). Synthesis, structural characterization, and molecular docking study of new phthalhydrazide-coumarin hybrids. Journal of Molecular Structure, 1226, 129366. | М22 |
| 2. | Milovanović, V. M., Petrović, Z. D., Novaković, S., Bogdanović, G. A., Petrović, V. P., & **Simijonović, D.** (2020). Green synthesis of benzamide-dioxoisoindoline derivatives and assessment of their radical scavenging activity–Experimental and theoretical approach. Tetrahedron, 76(38), 131456. | М22 |
| 3. | Milovanović, V., Petrović, Z. D., Novaković, S., Bogdanović, G. A., **Simijonović, D.**, Mladenović, M., Branković, J., & Petrović, V. P. (2020). Pyrazole derivatives of medically relevant phenolic acids: insight into antioxidative and anti-LOX activity. Medicinal Chemistry (Shariqah (United Arab Emirates)). | М22 |
| 4. | Milovanović, V., Petrović, Z. D., Novaković, S., Bogdanović, G. A., **Simijonović, D.**, & Petrović, V. P. (2019). Structural characterization of benzoyl-1H-pyrazole derivatives obtained in lemon juice medium: Experimental and theoretical approach. Journal of Molecular Structure, 1195, 85-94. | М22 |
| 5. | **Simijonović, D.**, Vlachou, E. E., Petrović, Z. D., Hadjipavlou-Litina, D. J., Litinas, Κ. E., Stanković, N., Mihović, N., & Mladenović, M. P. (2018). Dicoumarol derivatives: Green synthesis and molecular modelling studies of their anti-LOX activity. Bioorganic chemistry, 80, 741-752. | М21 |
| 6. | Petrović, V. P., **Simijonović, D.**, Milovanović, V. M., & Petrović, Z. D. (2018). Acetophenone Mannich bases: study of ionic liquid catalysed synthesis and antioxidative potential of products. Royal Society open science, 5(11), 181232. | М21 |
| 7. | **Simijonović, D.**, Petrović, Z. D., Milovanović, V. M., Petrović, V. P., & Bogdanović, G. A. (2018). A new efficient domino approach for the synthesis of pyrazolyl-phthalazine-diones. Antiradical activity of novel phenolic products. RSC advances, 8(30), 16663-16673. | М22 |
| 8. | Petrović, Z. D., Đorović, J., **Simijonović, D.**, Trifunović, S., & Petrović, V. P. (2018). In vitro study of iron coordination properties, anti-inflammatory potential, and cytotoxic effects of N-salicylidene and N-vanillidene anil Schiff bases. Chemical Papers, 72(9), 2171-2180. | М23 |
| 9. | Petrovic, Z., **Simijonovic, D.**, Đorović, J., Milovanović, V., Markovic, Z., & Petrović, V. (2017). One-pot synthesis of tetrahydropyridine derivatives: liquid salt catalyst vs glycolic acid promoter. Structure and antiradical activity of the new products. ChemistrySelect, 2(34), 11187-11194 | М23 |
| 10. | Petrović, V. P., Živanović, M. N., Simijonović, D., Đorović, J., Petrović, Z. D., & Marković, S. D. (2017). Study of the structure, prooxidative, and cytotoxic activity of some chelate copper (II) complexes. Chemical Papers, 71(11), 2075-2083. | М22 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 251 |
| Total number of papers in SCI (SSCI) indexed journals | 31 |
| Current participation in projects | National:  | International:  |
| Professional development | Post-doc studies: Department of Organic Chemistry, Aristotle University of Thessaloniki, Greece (09/2016-03/2017) |

|  |  |
| --- | --- |
| Name and surname | Edina Avdović |
| Position | Research Associate |
| Narrow scientific or artistic field | Chemistry |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2020 | Faculty of sciences, University of Kragujevac | Natural sciences | Chemistry |
| Doctoral degree | 2018 | Faculty of sciences, University of Kragujevac | Natural sciences | Chemistry |
| Diploma | 2013. | Department of Chemical-technological sciences, State University of Novi Pazar | Natural sciences  | Chemistry |
| List of scourses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID307 | Synthesis of bioactive compounds | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Dimić, D. S., Marković, Z. S., Saso, L., **Avdović, E. H.**, Đorović, J. R., Petrović, I. P., Stanisavljević, D.D., Stevanović, M.J., Potočňák, I., Samoľová, E. and Trifunović, S.R., & Dimitrić Marković, J. M. (2019). Synthesis and Characterization of 3-(1-((3, 4-Dihydroxyphenethyl) amino) ethylidene)-chroman-2, 4-dione as a Potential Antitumor Agent. Oxidative medicine and cellular longevity, 2019, 2069250 | М21 |
| 2. | **Avdović, E. H.**, Milanović, Ž. B., Živanović, M. N., Šeklić, D. S., Radojević, I. D., Čomić, L. R., Trifunović, S.R., Amić, A., & Marković, Z. S. (2020). Synthesis, spectroscopic characterization, biological activity, DFT and molecular docking study of novel 4-hydroxycoumarine derivatives and corresponding palladium (II) complexes. Inorganica Chimica Acta, 504, 119465. | М22 |
| 3. | **Avdović, E. H.**, Dimić, D. S., Marković, J. M. D., Vuković, N., Radulović, M. Đ., Živanović, M. N., Filipović, N.D., Đorović, J.R., Trifunović, S.R., & Marković, Z. S. (2019). Spectroscopic and theoretical investigation of the potential anti-tumor and anti-microbial agent, 3-(1-((2-hydroxyphenyl) amino) ethylidene) chroman-2, 4-dione. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 206, 421-429. | М21 |
| 4. | **Avdović, E. H.**, Milenković, D., Marković, J. M. D., Đorović, J., Vuković, N., Vukić, M. D., Jevtić, V.V., Trifunović, S.R., Potočňák, I., & Marković, Z. (2018). Synthesis, spectroscopic characterization (FT-IR, FT-Raman, and NMR), quantum chemical studies and molecular docking of 3-(1-(phenylamino) ethylidene)-chroman-2, 4-dione. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 195, 31-40. | М21 |
| 5. | **Avdović, E. H.**, Stojković, D. L., Jevtić, V. V., Kosić, M., Ristić, B., Harhaji-Trajković, L., Vukić, M., Vuković, N., Marković, Z.S., Potočňák, I., & Trifunović, S. R. (2017). Synthesis, characterization and cytotoxicity of a new palladium (II) complex with a coumarin-derived ligand 3-(1-(3-hydroxypropylamino) ethylidene) chroman-2, 4-dione. Crystal structure of the 3-(1-(3-hydroxypropylamino) ethylidene)-chroman-2, 4-dione. Inorganica Chimica Acta, 466, 188-196. | М22 |
| 6. | Jakovljević, K., Joksović, M. D., Botta, B., Jovanović, L. S., **Avdović, E.**, Marković, Z., Mihailović, V., Andrić, M., Trifunović, S., & Marković, V. (2019). Novel 1, 3, 4-thiadiazole conjugates derived from protocatechuic acid: Synthesis, antioxidant activity, and computational and electrochemical studies. Comptes Rendus Chimie, 22(8), 585-598. | М22 |
| 7. | Milanović, Ž. B., Marković, Z. S., Dimić, D. S., Klisurić, O. R., Radojević, I. D., Šeklić, D. S., Živanović, M.N., Marković, J.D., Radulović, M., & **Avdović, E. H.** (2021). Synthesis, structural characterization, biological activity and molecular docking study of 4, 7-dihydroxycoumarin modified by aminophenol derivatives. Comptes Rendus. Chimie, 24(2), 215-232. | М22 |
| 8. | Milić, S. S. J., Jevtić, V. V., Stojković, D. L., Petrović, Đ. S., **Avdović, E. H.**, Marković, Z. S., Radojević, I.D., Čomić, L., & Mladenović, V. S. (2020). Synthesis, characterization and antimicrobial activity of palladium (II) complexes with O, O'-dialkyl esters of (S, S)-ethylenediamine-N, N'-di-(3, 3′-1H-indol-3yl)-propionic acid. Inorganica Chimica Acta, 510, 119743. | М22 |
| 9. | Milenković, D. A., Dimić, D. S., **Avdović, E. H.**, Amić, A. D., Marković, J. M. D., & Marković, Z. S. (2020). Advanced oxidation process of coumarins by hydroxyl radical: Towards the new mechanism leading to less toxic products. Chemical Engineering Journal, 395, 124971. | М21а |
| 10. | Milanović, Ž. B., Dimić, D. S., Avdović, E. H., Milenković, D. A., Marković, J. D., Klisurić, O. R., Trifunović, S.R., & Marković, Z. S. (2021). Synthesis and comprehensive spectroscopic (X-ray, NMR, FTIR, UV–Vis), quantum chemical and molecular docking investigation of 3-acetyl-4‑hydroxy‑2-oxo-2H-chromen-7-yl acetate. Journal of Molecular Structure, 1225, 129256. | М22 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 135 |
| Total number of papers in SCI (SSCI) indexed journals | 21 |
| Current participation in projects | National: 0 | International: 2 |
| Professional development | Postdoctoral training, Ruđer Bošković Institute, Zagreb, Republic of Croatia (from 1-10- 2019 to 31-12-2019.) |

|  |  |
| --- | --- |
| Name and surname | Igor Saveljić |
| Position | Research Associate |
| Narrow scientific or artistic field | Mathematical analysis with applications |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2018 | Faculty of Engineering | Mechanical Engineering | Applied Mechanics and Applied Informatics and Computer Engineering |
| Doctoral degree | 2016 | Faculty of Engineering | Mechanical Engineering | Applied Mechanics and Applied Informatics and Computer Engineering |
| Magister degree | 2009 | Faculty of Mechanical Engineering in Kragujevac | Mechanical Engineering | Informatics in Engineering |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID302 | Bioengineering – advanced level | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Djukic, T., **Saveljic, I.**, & Filipovic, N. (2019). Numerical modeling of the motion of otoconia particles in the patient-specific semicircular canal. Computational Particle Mechanics, 6(4), 767-780. | М21 |
| 2. | Djukic, T., **Saveljic, I.**, Pelosi, G., Parodi, O., & Filipovic, N. (2019). Numerical simulation of stent deployment within patient-specific artery and its validation against clinical data. Computer methods and programs in biomedicine, 175, 121-127. | М21 |
| 3. | Koullapis, P., Kassinos, S. C., Muela, J., Perez-Segarra, C., Rigola, J., Lehmkuhl, O., Cui, Y., Sommerfeld, М., Elcner, Ј., Jicha, М., **Saveljic, I.**, Filipovic, N., Lizal, F., & Nicolaou, L. (2018). Regional aerosol deposition in the human airways: The SimInhale benchmark case and a critical assessment of in silico methods. European Journal of Pharmaceutical Sciences, 113, 77-94. | М21 |
| 4. | Filipovic, N., **Saveljic, I.**, Rac, V., Graells, B. O., & Bijelic, G. (2017). Computational and experimental model of transdermal iontophorethic drug delivery system. International journal of pharmaceutics, 533(2), 383-388. | М21 |
| 5. | Djukic, T. R., Karthik, S., **Saveljic, I.**, Djonov, V., & Filipovic, N. (2016). Modeling the behavior of red blood cells within the caudal vein plexus of zebrafish. Frontiers in physiology, 7, 455. | М21 |
| 6. | Brönnimann, D., Djukic, T., Triet, R., Dellenbach, C., **Saveljic, I.**, Rieger, M., Rohr, S., Filipovic, N., & Djonov, V. (2016). Pharmacological modulation of hemodynamics in adult zebrafish in vivo. PloS one, 11(3), e0150948. | М21 |
| 7. | Antic, S., Vukicevic, A. M., Milasinovic, M., **Saveljic, I.**, Jovicic, G., Filipovic, N., Rakocevic, Z., & Djuric, M. (2015). Impact of the lower third molar presence and position on the fragility of mandibular angle and condyle: a three-dimensional finite element study. Journal of Cranio-Maxillofacial Surgery, 43(6), 870-878. | М21 |
| 8. | Janovic, A., Milovanovic, P., **Saveljic, I.**, Nikolic, D., Hahn, M., Rakocevic, Z., Filipovic, N., Amling, M., Busse, B., & Djuric, M. (2014). Microstructural properties of the mid-facial bones in relation to the distribution of occlusal loading. Bone, 68, 108-114. | М21 |
| 9. | Filipovic, N., Djukic, T., **Saveljic, I.**, Milenkovic, P., Jovicic, G., & Djuric, M. (2014). Modeling of liver metastatic disease with applied drug therapy. Computer methods and programs in biomedicine, 115(3), 162-170. | М21 |
| 10. | Filipovic, N., Nikolic, D., **Saveljic, I.**, Milosevic, Z., Exarchos, T., Pelosi, G., & Parodi, O. (2013). Computer simulation of three-dimensional plaque formation and progression in the coronary artery. Computers & Fluids, 88, 826-833. | М21 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 348 |
| Total number of papers in SCI (SSCI) indexed journals | 21 |
| Current participation in projects | National:  | International:  |

|  |  |
| --- | --- |
| Name and surname | Marija Gačić |
| Position | Research Associate |
| Narrow scientific or artistic field | Business Economics |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2019 | Educons University | Economy | Business Economics |
| Doctoral degree | 2016 | Educons University | Economy | Business Economics |
| Diploma | 2002 | Faculty of Economics, University of Kragujevac | Economy | Finance and Accounting |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID106 | Entrepreneurship in bioengineering | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Miković, R., Arsić, B., Gligorijević, Ð., **Gačić, M.**, Petrović, D., & Filipović, N. (2019). The influence of social capital on knowledge management maturity of nonprofit organizations–predictive modelling based on a multilevel analysis. IEEE Access, 7, 47929-47943. | M21a |
| 2. | Stefanovic, M., Nestic, S., Djordjevic, A., Djurovic, D., Macuzic, I., Tadic, D., & **Gacic, M.** (2017). An assessment of maintenance performance indicators using the fuzzy sets approach and genetic algorithms. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 231(1), 15-27. | M22 |
| 3. | Jurisic Skevin, A., Filipovic, N., Mijailovic, N., Divjak, A., Nurkovic, J., Radakovic, R., **Gacic, M.**, & Grbovic, V. (2018). Gait analysis using wearable sensors with multiple sclerosis patients. Tehnički vjesnik, 25(Supplement 2), 339-342. | M23 |
| 4. | **Gacic, M.**, Nestic, S., Zahar, M. D., & Stefanovic, M. (2015). A model for ranking and optimization of key performance indicators of the strategy process. International Journal of Industrial Engineering and Management. | M51 |
| 5. | Isailovic, V., Milosevic, Z., Nikolic, D., Saveljic, I., Nikolic, M., **Gacic, M.**, Cirkovic-Andjelkovic, B., Themis, E., Fotiadis, D., Pelosi, G. and Parodi, O., & Filipovic, N. (2017). Coupled computer modeling of atherosclerosis development in the coronary arteries. In 2017 IEEE 17th International Conference on Bioinformatics and Bioengineering (BIBE) (pp. 415-418). IEEE. | M33 |
| 6. | Tošković, J., Marković, J., & **Gačić, M.** (2013). The Impact Of The Global Economic Crisis On Macroeconomic Aggregates In Brics Countries And Usa. Theoretical and Applied Economics, 20(Special I), 424-430. | M33 |
| 7. | **Gacic, M.**, & Arsic, L. (2012). Effect of Financial Savings on the Future of Higher Education. Proceedings of Тhe 2nd International Conference The Future of higher education. <https://conference.pixel-online.net/conferences/edu_future2012/common/download/Paper_pdf/472-SE61-FP-Gacic-FOE2012.pdf>  | M33 |
| 8. | Mašić, B., Gačić M., & Nešić S. (2016). Cooperation between the economy and scientific and educational institutions through a cluster model (in Serbian). International Conference "Partnership of Government, Economy and Higher Education Institutions in Stimulating Economic Development", Brčko, Faculty of Economics 10-12.11.2016.<http://konferencija.efbrcko.ba/ICFEBD/documents/Zbornik_radova_KONFERENCIJA-2016.pdf>  | M33 |
| 9. | **Gačić, M.**, Tošković, J., & Marković, J. (2013). Financial markets in Serbia and the region in the post-crisis period (in Serbian). Third International Conference - Economics of Integration, Knowledge from Recession to Prosperity, ICEI.Tuzla: University of Tuzla, <http://www.icei.epk.ba/admin/dokumenti/11400%20FINAL%20ZBORNIK.pdf>  | M33 |
| 10. | Marković, J., Toškoić, J., & **Gačić M.** (2013). The impact of unemployment on the quality of life in Serbia (in Serbian). 12th International Scientific Conference "Quality - the Road to Europe" University of Synergy, Bijeljina, BiH, Proceedings of the University of Synergy, <http://naucniskup.sinergija.edu.ba/wp-content/uploads/2017/02/Zbornik-2013-1.pdf>  | M33 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 26 |
| Total number of papers in SCI (SSCI) indexed journals | 2 |
| Current participation in projects | National:  | International: 2 |
| Additional relevant information | BESTPRAC - COST Targeted network 1302 The Voice of Research Administrators - Building a Network of Administrative Excellence, member of the Financial Affairs Working Group and co-author of the Project Management Guide developed under this action: Financial Management of H2020 Projects: Guide to Best Practice Based on BESTPRAC Members' Experience, available at: <https://bestprac.eu/fileadmin/mediapool-bestprac/documents/Outputs/Learning_materials/Financial_Matters/1_Main_documents/2019-04-01_BESTPRAC_Financial_Management_of_H2020_pro>  |

|  |  |
| --- | --- |
| Name and surname | Marko Živanović |
| Position | Senior Research Associate |
| Narrow scientific or artistic field | Biology |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2021 | Faculty of Science, University of Kragujevac | Biology | Cell and Molecular Biology |
| Doctoral degree | 2013 | Faculty of Science, Masaryk University, Czech Republic | Biology | Cell and Molecular Biology |
| Diploma | 2006 | Faculty of Science, University of Kragujevac | Chemistry | Chemistry for Research and Development |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID101 | Methodology of scientific research | Doctoral academic studies |
| 2. | 21.BID107 | Structure and function of nucleic acids and proteins | Doctoral academic studies |
| 3. | 21.BID109 | Molecular design of bioactive compounds | Doctoral academic studies |
| 4. | 21.BID210 | Stem cell biology and application in regenerative medicine | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 and maximum 20)** |
| 1. | Petrović, A. Z., Ćoćić, D. C., Bockfeld, D., **Živanović, M.**, Milivojević, N., Virijević, K., Janković, N., Scheurer, A., Vraneš, M., & Bogojeski, J. V. (2021). Biological activity of bis (pyrazolylpyridine) and terpiridine Os (ii) complexes in the presence of biocompatible ionic liquids. Inorganic Chemistry Frontiers, 8(11), 2749-2770. | М21а |
| 2. | **Živanović, M. N.** (2020). Use of Electrospinning to Enhance the Versatility of Drug Delivery. In Systemic Delivery Technologies in Anti-Aging Medicine: Methods and Applications (pp. 347-364). Springer, Cham. | М13 |
| 3. | Petrović, A., **Živanović, M.**, Puchta, R., Ćoćić, D., Scheurer, A., Milivojevic, N., & Bogojeski, J. (2020). Experimental and quantum chemical study оn the DNA/protein binding and the biological activity of a rhodium (iii) complex with 1, 2, 4-triazole as an inert ligand. Dalton Transactions, 49(26), 9070-9085. | M21 |
| 4. | Petrović, A., Milutinović, M. M., Petri, E. T., **Živanović, M.**, Milivojević, N., Puchta, R., Scheurer, A., Korzekwa, J., Klisurić, O.R., & Bogojeski, J. (2018). Synthesis of camphor-derived bis (pyrazolylpyridine) rhodium (III) complexes: structure–reactivity relationships and biological activity. Inorganic chemistry, 58(1), 307-319. | M21a |
| 5. | Avdović, E. H., Dimić, D. S., Marković, J. M. D., Vuković, N., Radulović, M. Đ., **Živanović, M. N.**, Filipović, N.D., Đorović, J.R., Trifunović, S.R., & Marković, Z. S. (2019). Spectroscopic and theoretical investigation of the potential anti-tumor and anti-microbial agent, 3-(1-((2-hydroxyphenyl) amino) ethylidene) chroman-2, 4-dione. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 206, 421-429. | М21 |
| 6. | Arsić, B., Ðokić-Petrović, M., Spalević, P., Milentijević, I., Rančić, D., & **Živanović, M.** (2019). SpecINT: a framework for data integration over cheminformatics and bioinformatics RDF repositories. Semantic Web, 10(4), 795-813. | M21 |
| 7. | Cvetković, D. M., **Živanović, M. N.**, Milutinović, M. G., Djukić, T. R., Radović, M. D., Cvetković, A. M., Filipović, N.D., & Zdravković, N. D. (2017). Real-time monitoring of cytotoxic effects of electroporation on breast and colon cancer cell lines. Bioelectrochemistry, 113, 85-94. | M21 |
| 8. | **Živanovic, M.**, Kosaric, J., Šmit, B., Šeklić, D., Pavlovic, R., & Marković, S. (2017). Novel seleno-hydantoin palladium (II) complex-antimigratory, cytotoxic and prooxidative potential on human colon HCT-116 and breast MDA-MB-231 cancer cells. General physiology and biophysics, 36(2), 187-196. | M23 |
| 9. | Vargová, V., **Zivanović, M.**, Dorčák, V., Paleček, E., & Ostatná, V. (2013). Catalysis of hydrogen evolution by polylysine, polyarginine and polyhistidine at mercury electrodes. Electroanalysis, 25(9), 2130-2135. | М21 |
| 10. | **Živanović, M.**, Aleksić, M., Ostatna, V., Doneux, T., & Paleček, E. (2010). Polylysine‐Catalyzed Hydrogen Evolution at Mercury Electrodes. Electroanalysis, 22(17‐18), 2064-2070. | М21 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 196 |
| Total number of papers in SCI (SSCI) indexed journals | 27 |
| Current participation in projects | National: 2 | International: 1 |
| Professional development | Institute of Biophysics, Czech Academy of Sciences 2005-2013, Institute for Brain Examination, University of Zagreb - May 2017 |
| Additional relevant information | Head of the Laboratory for Bioengineering and Applied Biology at the Institute of Information Technology Kragujevac, participant in numerous domestic and international scientific projects. |

|  |  |
| --- | --- |
| Name and surname | Miljan Milošević |
| Position | Senior Research Associate |
| Narrow scientific or artistic field | Applied informatics |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2020 | Faculty of Engineering | Mechanical Engineering | Applied Informatics |
| Doctoral degree | 2012 | Faculty of Engineering | Mechanical Engineering | Applied Informatics |
| Diploma | 2008 | Faculty of Mechanical Engineering in Kragujevac | Mechanical Engineering | Informatics in Engineering |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | CS680 | Big Data Analytics | Doctoral academic studies |
| 2. | 21.BID302 | Bioengineering – advanced level | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 not more than 20)** |
| 1. | Fine, D., Grattoni, A., Hosali, S., Ziemys, A., De Rosa, E., Gill, J., Medema, R., Hudson, L., Kojic, M., **Milosevic, M.**, Goodall, R., Ferrari, М., & Liu, X. (2010). A robust nanofluidic membrane with tunable zero-order release for implantable dose specific drug delivery. Lab on a Chip, 10(22), 3074-3083. | М21a |
| 2. | Ziemys, A., Kojic, M., **Milosevic, M.**, Kojic, N., Hussain, F., Ferrari, M., & Grattoni, A. (2011). Hierarchical modeling of diffusive transport through nanochannels by coupling molecular dynamics with finite element method. Journal of Computational Physics, 230(14), 5722-5731. | М21a |
| 3. | Ziemys, A., Kojic, M., **Milosevic, M.**, & Ferrari, M. (2012). Interfacial effects on nanoconfined diffusive mass transport regimes. Physical review letters, 108(23), 236102. | М21a |
| 4. | Kojic, M., **Milosevic, M.**, Kojic, N., Kim, K., Ferrari, M., & Ziemys, A. (2014). A multiscale MD–FE model of diffusion in composite media with internal surface interaction based on numerical homogenization procedure. Computer methods in applied mechanics and engineering, 269, 123-138. | М21a |
| 5. | Ruiz‐Esparza, G. U., Wu, S., Segura‐Ibarra, V., Cara, F. E., Evans, K. W., **Milosevic, M.**, Ziemys, A., Kojic, M., Meric‐Bernstam, F., Ferrari, M., & Blanco, E. (2014). Polymer nanoparticles encased in a cyclodextrin complex shell for potential site‐and sequence‐specific drug release. Advanced Functional Materials, 24(30), 4753-4761. | М21a |
| 6. | Yokoi, K., Kojic, M., **Milosevic, M.**, Tanei, T., Ferrari, M., & Ziemys, A. (2014). Capillary-wall collagen as a biophysical marker of nanotherapeutic permeability into the tumor microenvironment. Cancer research, 74(16), 4239-4246. | M21a |
| 7. | Yokoi, K., Chan, D., Kojic, M., **Milosevic, M.**, Engler, D., Matsunami, R., Tanei, T., Saito, Y., Ferrari, M., & Ziemys, A. (2015). Liposomal doxorubicin extravasation controlled by phenotype-specific transport properties of tumor microenvironment and vascular barrier. Journal of Controlled Release, 217, 293-299. | M21a |
| 8. | **Milosevic, M.**, Simic, V., Milicevic, B., Koay, E. J., Ferrari, M., Ziemys, A., & Kojic, M. (2018). Correction function for accuracy improvement of the composite smeared finite element for diffusive transport in biological tissue systems. Computer methods in applied mechanics and engineering, 338, 97-116. | M21a |
| 9. | **Milosevic, M.**, Stojanovic, D., Simic, V., Milicevic, B., Radisavljevic, A., Uskokovic, P., & Kojic, M. (2018). A computational model for drug release from PLGA implant. Materials, 11(12), 2416. | M21 |
| 10. | **Milosevic, M.**, Stojanovic, D. B., Simic, V., Grkovic, M., Bjelovic, M., Uskokovic, P. S., & Kojic, M. (2020). Preparation and modeling of three‐layered PCL/PLGA/PCL fibrous scaffolds for prolonged drug release. Scientific reports, 10(1), 1-12. | M21 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 301 (h-index 10) |
| Total number of papers in SCI (SSCI) indexed journals | 40 |
| Current participation in projects | National: 1 | International: 2 |

|  |  |
| --- | --- |
| Name and surname | Saša Ćuković |
| Position | Research Associate |
| Narrow scientific or artistic field | Computer aided technologies, Bioengineering |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2016 | Faculty of Engineering | Mechanical Engineering | Computer aided technologies, Bioengineering |
| Doctoral degree | 2015 | Faculty of Engineering | Mechanical Engineering | Computer aided technologies, Bioengineering |
| Diploma | 2008 | Faculty of Mechanical Engineering in Kragujevac | Mechanical Engineering | Production Engineering |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID306 | Virtual and Augmented Reality in Bioengineering | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 not more than 20)** |
| 1. | Argesanu, V., Kulcsar, R.M., Borozan, I. S., Jula, M., **Ćuković, S.**, & Bota, E. (2014). Analytical and experimental modeling of the drivers spine. International Conference on Pure Mathematics, Applied Mathematics, Computational Methods - [PMAMCM 2014], 172-178. | M33 |
| 2. | Devedžić, G., **Ćuković, S.**, Luković, V., Milošević, D., Subburaj, K., & Luković, T. (2012). ScolioMedIS: Web-oriented information system for idiopathic scoliosis visualization and monitoring. Computer methods and programs in biomedicine, 108(2), 736-749. | M21 |
| 3. | **Ćuković, S.**, Devedžić, G., Pankratz, F., Baizid, K., Ghionea, I., & Kostić, A. (2015). Augmented reality simulation of CAM spatial tool paths in prismatic milling sequences. In IFIP International Conference on Product Lifecycle Management (pp. 516-525). Springer, Cham. | M14 |
| 4. | Lukovic, T., **Cukovic, S.**, Lukovic, V., Devedzic, G., & Djordjevic, D. (2015). Towards a new protocol of scoliosis assessments and monitoring in clinical practice: A pilot study. Journal of back and musculoskeletal rehabilitation, 28(4), 721-730. | M23 |
| 5. | Luković, V., **Ćuković, S.**, Milošević, D., & Devedžić, G. (2019). An ontology-based module of the information system ScolioMedIS for 3D digital diagnosis of adolescent scoliosis. Computer methods and programs in biomedicine, 178, 247-263. | M21 |
| 6. | **Cukovic, S.**, Lukovic, V., Subburaj, K., Birkfellner, W., Milosevic, D., Ristic, B., & Devedzic, G. (2015). Automated SOSORT-recommended angles measurement in patients with adolescent idiopathic scoliosis. In 2015 IEEE 15th International Conference on Bioinformatics and Bioengineering (BIBE) (pp. 1-6). IEEE. | M33 |
| 7. | **Ćuković, S.**, Frieder, P., Antonio, U., Goran, D., & Vanja, L. (2013). Conceptual Augmented Reality Framework for Spinal Disorders Representation and Diagnosis. In 2nd Regional Conference Mechatronics in Practice and Education-MECHEDU2013. | M33 |
| 8. | **Cukovic, S.**, Ghionea, I., Lukovic, V., & Taylor, W. R. (2018). Complex curvature analysis of the middle spinal line in non-ionizing 3d diagnosis of adolescent idiopathic disorders. In BIBE 2018; International Conference on Biological Information and Biomedical Engineering (pp. 1-4). VDE. | M33 |
| 9. | Luković, V., **Ćuković, S.**, & Devedžić, G. (2018). Optical methods for the estimation and 2D classification of idiopathic scoliosis. In 2018 7th Mediterranean Conference on Embedded Computing (MECO) (pp. 1-4). IEEE. | M33 |
| 10. | **Ćuković, S.**, Taylor, W., Luković, V., Ghionea, I., Baizid, K., Iqbal, J., & Karuppasamy, S. (2019). Rigid 3D registration algorithm for localization of the vertebral centroids in 3D deformity models of adolescent idiopathic scoliosis. In The 16th annual International CAD Conference-CAD19 (pp. 446-450). | M33 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | Scopus 203, h=7; Google Scholar 451, h=12. |
| Total number of papers in SCI (SSCI) indexed journals | 10 |
| Current participation in projects | National: 1 | International: 2 |
| Professional development | 5 |
| Additional relevant information | Winner of the first MIMICS INNOVATION AWARD 2016 for the EMEA region awarded by Materialise (Leuven, Belgium), Lyon, France, 2016; 3rd place in the competition Falling Walls Lab Serbia 2016 - for Breaking the wall of Harmful Diagnosis of Spinal Disorders - HDSD, 25-26 / 09/2016; Recognition and grant: Top-8 visiting assistant professors at Politehnico di Bari (Italy), 2017; Postdoctoral Fellowship: Swiss Government Excellence Scholarships for Foreign Scholars and Artists for 2017/2018, ETH Zurich, Switzerland, 2017; Award at the StartUp competition: SwissBioLabs Award 2018 - 3rd place for the early-stage StartUp, at the 2nd SwissBioLabs Start-Up Challenge “Diagnostics goes digital”; Scholarship for short research stay: Stipendien der Stipendienstiftung der Republik Österreich, Postdocs (Scholarship for Postdocs); Mobility grant: ERASMUS + staff mobility grant for training between program and partner countries 2018-1-RO01-KA107-047844. Lucian Blaga University of Sibiu, Romania; Postdoctoral research grant: Marie Sklodowska-Curie Individual Fellowship H2020-MSCA-IF-2019, ScolioSIM; Recognition: CATIA Champion - Dassault Systems, 2020. |

|  |  |
| --- | --- |
| Name and surname | Zoran Marković |
| Position | Full Research Professor |
| Narrow scientific or artistic field | Chemistry |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2013 | University of Novi Sad, Faculty of Technology | Natural sciences - Chemistry | Chemistry |
| Doctoral degree | 1995 | Faculty of Science, University of Kragujevac | Chemistry | Chemistry - Organic Chemistry |
| Magister degree | 1989 | Faculty of Science, University of Kragujevac | Chemistry | Chemistry - Organic Chemistry |
| Diploma | 1981 | Faculty of Science, University of Kragujevac | Chemistry | Chemistry |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID209 | Molecular design of bioactive compounds | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 not more than 20)** |
| 1. | **Markovic, Z. S.**, & Milenkovic, D. A. (2019). Different theoretical approaches in the study of antioxidative mechanisms. In Computational Modeling in Bioengineering and Bioinformatics (pp. 211 – 256). Academic Press | M13 |
| 2. | Dimić, D. S., Milenković, D. A., Avdović, E. H., Nakarada, Đ. J., Marković, J. M. D., & Marković, Z. S. (2021). Advanced oxidation processes of coumarins by hydroperoxyl radical: an experimental and theoretical study, and ecotoxicology assessment. Chemical Engineering Journal, 424, 130331. | M21a |
| 3. | Milenković, D. A., Dimić, D. S., Avdović, E. H., Amić, A. D., Marković, J. M. D., & **Marković, Z. S.** (2020). Advanced oxidation process of coumarins by hydroxyl radical: Towards the new mechanism leading to less toxic products. Chemical Engineering Journal, 395, 124971. | M21a |
| 4. | Amić, A., **Marković, Z.**, Klein, E., Marković, J. M. D., & Milenković, D. (2018). Theoretical study of the thermodynamics of the mechanisms underlying antiradical activity of cinnamic acid derivatives. Food chemistry, 246, 481-489. | M21a |
| 5. | Dekić, M., Kolašinac, R., Radulović, N., Šmit, B., Amić, D., Molčanov, K., Milenković, D., & **Marković, Z**. (2017). Synthesis and theoretical investigation of some new 4-substituted flavylium salts. Food chemistry, 229, 688-694. | M21a |
| 6. | Jeremić, S., Amić, A., Stanojević-Pirković, M., & **Marković, Z.** (2018). Selected anthraquinones as potential free radical scavengers and P-glycoprotein inhibitors. Organic & biomolecular chemistry, 16(11), 1890-1902. | M21 |
| 7. | Dimić, D., Milenković, D., Marković, J. D., & **Marković, Z.** (2017). Antiradical activity of catecholamines and metabolites of dopamine: theoretical and experimental study. Physical Chemistry Chemical Physics, 19(20), 12970-12980. | M21 |
| 8. | Dimić, D., Milenković, D., Ilić, J., Šmit, B., Amić, A., **Marković, Z.**, & Marković, J. D. (2018). Experimental and theoretical elucidation of structural and antioxidant properties of vanillylmandelic acid and its carboxylate anion. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 198, 61-70. | M21 |
| 9. | Avdović, E. H., Dimić, D. S., Marković, J. M. D., Vuković, N., Radulović, M. Đ., Živanović, M. N., Filipović, N.D., Đorović, J.R., Trifunović, S.R., & **Marković, Z. S.** (2019). Spectroscopic and theoretical investigation of the potential anti-tumor and anti-microbial agent, 3-(1-((2-hydroxyphenyl) amino) ethylidene) chroman-2, 4-dione. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 206, 421-429 | M21 |
| 10. | Avdović, E. H., Milenković, D., Marković, J. M. D., Đorović, J., Vuković, N., Vukić, M. D., Jevtić, V.V., Trifunović, S.R., Potočňák, I., & **Marković, Z.** (2018). Synthesis, spectroscopic characterization (FT-IR, FT-Raman, and NMR), quantum chemical studies and molecular docking of 3-(1-(phenylamino) ethylidene)-chroman-2, 4-dione. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 195, 31-40. | M21 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 1474 |
| Total number of papers in SCI (SSCI) indexed journals | 137 |
| Current participation in projects | National:  | International: 2 |
| Professional development | University of Technology, Department of Chemistry, Pretoria, South Africa, Position: PostDoctoral studies, 1999-2001 |
| Additional relevant information | Scientific announcements:> 150; Reviewer:> 25 scientific journals from the SCI list; 1990: Member of the Serbian Chemical Society; 1990-1999: President of the Branch of the Serbian Chemical Society; He received a charter from the Serbian Chemical Society in 1997 "as a sign of recognition and gratitude for his contribution to the work and development of SHD"; 2000: Member of the Physico-Chemical Society; 2018: Member of the Scientific Society of Serbia; 2007: Member of the editorial board of the journal "Acta Agriculturae Serbica"; 2013: Member of the editorial board of the Journal of Serbian Society for Computational Mechanics. He has mentored several graduate and master's theses and two doctoral dissertations. He is currently a mentor in the preparation of two doctoral dissertations. |

|  |  |
| --- | --- |
| Name and surname | Gordana Vunjak-Novaković |
| Position | Full professor |
| Narrow scientific or artistic field | Mathematical Analysis with Applications |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 1993 | University of Belgrade | Biomedical Engineering |  |
| Doctoral degree | 1981 | University of Belgrade | Chemical Engineering |  |
| Diploma | 1972 | University of Belgrade | Chemical Engineering |  |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID210 | Stem cell biology and their application in regenerative medicine | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 not more than 20)** |
| 1. | Tavakol, D. N., Fleischer, S., & **Vunjak-Novakovic, G.** (2021). Harnessing organs-on-a-chip to model tissue regeneration. Cell Stem Cell, 28(6), 993-1015. | M21a |
| 2. | Cruz-Acuña, R., **Vunjak-Novakovic, G.**, Burdick, J. A., & Rustgi, A. K. (2021). Emerging technologies provide insights on cancer extracellular matrix biology and therapeutics. Iscience, 102475. | М21 |
| 3. | Liu, B., Wang, B., Zhang, X., Lock, R., Nash, T., & **Vunjak-Novakovic, G.** (2021). Cell type–specific microRNA therapies for myocardial infarction. Science Translational Medicine, 13(580). | М21а |
| 4. | O’Neill, J. D., Pinezich, M. R., Guenthart, B. A., & **Vunjak-Novakovic, G.** (2021). Gut bioengineering strategies for regenerative medicine. American Journal of Physiology-Gastrointestinal and Liver Physiology, 320(1), G1-G11. | M21 |
| 5. | **Vunjak-Novakovic, G.** (2020). Dynamic Hydrogels for Investigating Vascularization. Cell Stem Cell, 27(5), 697-698. | M21a |
| 6. | Wagner, K. T., Nash, T. R., Liu, B., **Vunjak-Novakovic, G.**, & Radisic, M. (2020). Extracellular Vesicles in Cardiac Regeneration: Potential Applications for Tissues-on-a-Chip. Trends in biotechnology. | М21а |
| 7. | Fleischer, S., Tavakol, D. N., & **Vunjak‐Novakovic, G.** (2020). From arteries to capillaries: approaches to engineering human vasculature. Advanced Functional Materials, 30(37), 1910811. | M21a |
| 8. | Little, M., Liu, G. H., Shenoy, K. V., **Vunjak-Novakovic, G.**, & Radisic, M. (2020). Engineering Tissues and Organs: The Road to the Clinic. Cell 181 (1), 22-23 | M21a |
| 9. | Vila, O. F., Qu, Y., & **Vunjak-Novakovic, G.** (2020). In vitro models of neuromuscular junctions and their potential for novel drug discovery and development. Expert opinion on drug discovery, 15(3), 307-317. | M21 |
| 10. | Pinezich, M., & **Vunjak-Novakovic, G.** (2019). Bioengineering approaches to organ preservation ex vivo. Experimental Biology and Medicine, 244(8), 630-645. | M22 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 21182 |
| Total number of papers in SCI (SSCI) indexed journals | >100 |
| Current participation in projects | National:  | International:  |
| Additional relevant information | Winner of the Audience Award given by the European Patent Office |

|  |  |
| --- | --- |
| Name and surname | Milica Radišić |
| Position | Full Professor |
| Narrow scientific or artistic field | Biomedical Engineering |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2014 | University of Toronto | Biomedical Engineering |  |
| Doctoral degree | 2004 | Massachusetts Institute of Technology | Chemical Engineering |  |
| Diploma | 1999 | McMaster University | Chemical Engineering |  |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID201 | Bioengineering 1 | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 not more than 20)** |
| 1. | Lu, R. X. Z., & **Radisic, M.** (2021). Organ-on-a-chip platforms for evaluation of environmental nanoparticle toxicity. Bioactive Materials, 6(9), 2801-2819. | M21a |
| 2. | Davenport Huyer, L., Pascual‐Gil, S., Wang, Y., Mandla, S., Yee, B., & **Radisic, M.** (2020). Advanced strategies for modulation of the material–macrophage interface. Advanced Functional Materials, 30(44), 1909331. | M21a |
| 3. | Wagner, K. T., Nash, T. R., Liu, B., Vunjak-Novakovic, G., & **Radisic, M.** (2020). Extracellular Vesicles in Cardiac Regeneration: Potential Applications for Tissues-on-a-Chip. Trends in biotechnology. | М21а |
| 4. | D’Costa, K., Kosic, M., Lam, A., Moradipour, A., Zhao, Y., & **Radisic, M.** (2020). Biomaterials and culture systems for development of organoid and organ-on-a-chip models. Annals of biomedical engineering, 48(7), 2002-2027. | M21 |
| 5. | Zhang, B., & **Radisic, M.** (2020). Organ-level vascularization: the Mars mission of bioengineering. The Journal of thoracic and cardiovascular surgery 159 (5), 2003-2007. | M21 |
| 6. | Little, M., Liu, G. H., Shenoy, K. V., Vunjak-Novakovic, G., & **Radisic, M.** (2020). Engineering Tissues and Organs: The Road to the Clinic. Cell 181 (1), 22-23 | M21a |
| 7. | Parrish, J., Lim, K., Zhang, B., **Radisic, M.**, & Woodfield, T. B. (2019). New frontiers for biofabrication and bioreactor design in microphysiological system development. Trends in biotechnology, 37(12), 1327-1343. | М21а |
| 8. | Korolj, A., Wu, H. T., & **Radisic, M.** (2019). A healthy dose of chaos: Using fractal frameworks for engineering higher-fidelity biomedical systems. Biomaterials, 219, 119363. | M21a |
| 9. | Bannerman, D., Pascual-Gil, S., & **Radisic, M.** (2019). An optimal gel patch for the injured heart. Nature biomedical engineering, 3(8), 592-593. | M21a |
| 10. | Savoji, H., Mohammadi, M. H., Rafatian, N., Toroghi, M. K., Wang, E. Y., Zhao, Y., Korolj, A., Ahadian, S. & **Radisic, M.** (2019). Cardiovascular disease models: a game changing paradigm in drug discovery and screening. Biomaterials, 198, 3-26. | M21a |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 6581 |
| Total number of papers in SCI (SSCI) indexed journals | >70 |
| Current participation in projects | National:  | International:  |

|  |  |
| --- | --- |
| Name and surname | Miloš Kojić |
| Position | Full Professor |
| Narrow scientific or artistic field | Applied Mechanics |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 1980 | Faculty of Mechanical Engineering, Kragujevac | Mechanical Engineering | Applied Mechanics |
| Doctoral degree | 1971 | Rice University, Houston, Texas |  |  |
| Magister degree | 1969 | Faculty of Science, Belgrade |  |  |
| Diploma | 1964 | Faculty of Mechanical Engineering, Kragujevac | Mechanical Engineering |  |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID302 | Bioengineering – advanced level | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 not more than 20)** |
| 1. | Fine, D., Grattoni, A., Hosali, S., Ziemys, A., De Rosa, E., Gill, J., Medema, R., Hudson, L., **Kojic, M.**, Milosevic, M., Goodall, R., Ferrari, М., & Liu, X. (2010). A robust nanofluidic membrane with tunable zero-order release for implantable dose specific drug delivery. Lab on a Chip, 10(22), 3074-3083. | М21a |
| 2. | Ziemys, A., Kojic, M., Milosevic, M., **Kojic, N.**, Hussain, F., Ferrari, M., & Grattoni, A. (2011). Hierarchical modeling of diffusive transport through nanochannels by coupling molecular dynamics with finite element method. Journal of Computational Physics, 230(14), 5722-5731. | М21a |
| 3. | Ziemys, A., **Kojic, M.**, Milosevic, M., & Ferrari, M. (2012). Interfacial effects on nanoconfined diffusive mass transport regimes. Physical review letters, 108(23), 236102. | М21a |
| 4. | **Kojic, M.**, Milosevic, M., Kojic, N., Kim, K., Ferrari, M., & Ziemys, A. (2014). A multiscale MD–FE model of diffusion in composite media with internal surface interaction based on numerical homogenization procedure. Computer methods in applied mechanics and engineering, 269, 123-138. | М21a |
| 5. | Ruiz‐Esparza, G. U., Wu, S., Segura‐Ibarra, V., Cara, F. E., Evans, K. W., Milosevic, M., Ziemys, A., **Kojic, M.**, Meric‐Bernstam, F., Ferrari, M., & Blanco, E. (2014). Polymer nanoparticles encased in a cyclodextrin complex shell for potential site‐and sequence‐specific drug release. Advanced Functional Materials, 24(30), 4753-4761. | М21a |
| 6. | Yokoi, K., **Kojic, M.**, Milosevic, M., Tanei, T., Ferrari, M., & Ziemys, A. (2014). Capillary-wall collagen as a biophysical marker of nanotherapeutic permeability into the tumor microenvironment. Cancer research, 74(16), 4239-4246. | M21a |
| 7. | Yokoi, K., Chan, D., **Kojic, M.**, Milosevic, M., Engler, D., Matsunami, R., Tanei, T., Saito, Y., Ferrari, M., & Ziemys, A. (2015). Liposomal doxorubicin extravasation controlled by phenotype-specific transport properties of tumor microenvironment and vascular barrier. Journal of Controlled Release, 217, 293-299. | M21a |
| 8. | Milosevic, M., Simic, V., Milicevic, B., Koay, E. J., Ferrari, M., Ziemys, A., & **Kojic, M.** (2018). Correction function for accuracy improvement of the composite smeared finite element for diffusive transport in biological tissue systems. Computer methods in applied mechanics and engineering, 338, 97-116. | M21a |
| 9. | Milosevic, M., Stojanovic, D., Simic, V., Milicevic, B., Radisavljevic, A., Uskokovic, P., & **Kojic, M.** (2018). A computational model for drug release from PLGA implant. Materials, 11(12), 2416. | M21 |
| 10. | Milosevic, M., Stojanovic, D. B., Simic, V., Grkovic, M., Bjelovic, M., Uskokovic, P. S., & **Kojic, M.** (2020). Preparation and modeling of three‐layered PCL/PLGA/PCL fibrous scaffolds for prolonged drug release. Scientific reports, 10(1), 1-12. | M21 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 1380 |
| Total number of papers in SCI (SSCI) indexed journals | >50 |
| Current participation in projects | National:  | International: 0 |

|  |  |
| --- | --- |
| Name and surname | Srboljub Mijailović |
| Position | Associate Professor  |
| Narrow scientific or artistic field | Multiscale Modeling of Biological Systems |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2016 | Illinois Institute of Technology | Biphysics & Bioengineering | Multiscale Modeling of Biological Systems |
| Doctoral degree | 1991 | Massachusetts Institute of Technology | Mechanical Eng. and Bioengineering | Mechanics of Lung and Connective Tissue |
| Magister degree | 1982 | Faculty of Mechanical Engineering in Belgrade | Mechanical Engineering | Applied Fluid Mechanics |
| Diploma | 1975 | Faculty of Mechanical Engineering in Belgrade | Mechanical Engineering | Thermo and Hydraulic Machines |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID301 | Computer muscle modelling | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 not more than 20)** |
| 1. | **Mijailovich, S. M.**, Li, X., Griffiths, R. H., & Geeves, M. A. (2012). The hill model for binding myosin S1 to regulated actin is not equivalent to the Mckillop–Geeves model. Journal of molecular biology, 417(1-2), 112-128. | М21 |
| 2. | **Mijailovich, S. M.**, Kayser-Herold, O., Li, X., Griffiths, H., & Geeves, M. A. (2012). Cooperative regulation of myosin-S1 binding to actin filaments by a continuous flexible Tm–Tn chain. European Biophysics Journal, 41(12), 1015-1032. | М21 |
| 3. | Prodanovic, M., Irving, T. C., & **Mijailovich, S. M.** (2016). X-ray diffraction from nonuniformly stretched helical molecules. Journal of applied crystallography, 49(3), 784-797. | М21 |
| 4. | **Mijailovich, S. M.**, Kayser-Herold, O., Stojanovic, B., Nedic, D., Irving, T. C., & Geeves, M. A. (2016). Three-dimensional stochastic model of actin–myosin binding in the sarcomere lattice. Journal of General Physiology, 148(6), 459-488. | М21 |
| 5. | **Mijailovich, S. M.**, Kojic, M., Zivkovic, M., Fabry, B., & Fredberg, J. J. (2002). A finite element model of cell deformation during magnetic bead twisting. Journal of Applied Physiology, 93(4), 1429-1436. | М21 |
| 6. | Vera, C. D., Johnson, C. A., Walklate, J., Adhikari, A., Svicevic, M., **Mijailovich, S. M.**, Combs, A. C., Langer, S. J., Ruppel, K. M., Spudich, J. A., Geeves, M. A., & Leinwand, L. A. (2019). Myosin motor domains carrying mutations implicated in early or late onset hypertrophic cardiomyopathy have similar properties. Journal of Biological Chemistry, 294(46), 17451-17462.  | М21 |
| 7. | Kiss, B., Lee, E. J., Ma, W., Li, F. W., Tonino, P., **Mijailovich, S. M.**, Irving, T. C., & Granzier, H. L. (2018). Nebulin stiffens the thin filament and augments cross-bridge interaction in skeletal muscle. Proceedings of the National Academy of Sciences, 115(41), 10369-10374.  | М21 |
| 8. | **Mijailovich, S. M.**, Stojanovic, B., Nedic, D., Svicevic, M., Geeves, M. A., Irving, T. C., & Granzier, H. L. (2019). Nebulin and titin modulate cross-bridge cycling and length-dependent calcium sensitivity. Journal of General Physiology, 151(5), 680-704. | М21 |
| 9. | **Mijailovich, S. M.**, Prodanovic, M., Poggesi, C., Geeves, M. A., & Regnier, M. (2021). Multiscale modeling of twitch contractions in cardiac trabeculae. Journal of General Physiology, 153(3). | М21 |
| 10. | **Mijailovich, S. M.**, Prodanovic, M., Poggesi, C., Powers, J. D., Davis, J., Geeves, M. A., & Regnier, M. (2021). The effect of variable troponin C mutation thin filament incorporation on cardiac muscle twitch contractions. Journal of Molecular and Cellular Cardiology, 155, 112-124. | М21 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 4997 (H-index 29) |
| Total number of papers in SCI (SSCI) indexed journals | 85 |
| Current participation in projects | National: 1 | International: 3 |
| Professional development | Training lasting 5 years at Harvard University |

|  |  |
| --- | --- |
| Name and surname | Themis Exarchos |
| Position | Assistant Professor |
| Narrow scientific or artistic field | Bioinformatics |
| Academic career | Year  | Institution  | Scientific field | Narrow scientific field |
| Appointment to the Position | 2016 | Ionian University | Bioinformatics |  |
| Doctoral degree | 2009 | University of Ioannina | Bioinformatics |  |
| Diploma | 2003 | University of Patras | Bioinformatics |  |
| List of courses that the teacher holds in doctoral studies |
| No. | Code | Course name | Type of studies |
| 1. | 21.BID302 | Bioengineering – advanced level | Doctoral academic studies |
| **The most significant works in accordance with the requirements of the additional conditions of the standard for a given field (minimum 10 not more than 20)** |
| 1. | Krokidis, M. G., **Exarchos, T. P.**, & Vlamos, P. (2021). Data-driven biomarker analysis using computational omics approaches to assess neurodegenerative disease progression. Mathematical Biosciences and Engineering: MBE, 18(2), 1813-1832. | М23 |
| 2. | Siogkas, P. K., Anagnostopoulos, C. D., Liga, R., **Exarchos, T. P.**, Sakellarios, A. I., Rigas, G., Scholte, A.J., Papafaklis, M.I., Loggitsi, D., Pelosi, G. and Parodi, O., Maaniitty, T., Michalis, L. K., Knuuti, J., Neglia, D., & Fotiadis, D. I. (2019). Noninvasive CT-based hemodynamic assessment of coronary lesions derived from fast computational analysis: a comparison against fractional flow reserve. European radiology, 29(4), 2117-2126. | M21 |
| 3. | Filipovic, N., Nikolic, D., Saveljic, I., Milosevic, Z., **Exarchos, T.**, Pelosi, G., & Parodi, O. (2013). Computer simulation of three-dimensional plaque formation and progression in the coronary artery. Computers & Fluids, 88, 826-833. | M21 |
| 4. | Parodi, O., **Exarchos, T. P.**, Marraccini, P., Vozzi, F., Milosevic, Z., Nikolic, D., Sakellarios, A., Siogkas, P. K., Fotiadis, D. I., & Filipovic, N. (2012). Patient-specific prediction of coronary plaque growth from CTA angiography: a multiscale model for plaque formation and progression. Ieee Transactions on Information Technology in Biomedicine, 16(5), 952-965. | М21 |
| 5. | Pezoulas, V. C., Kalatzis, F., **Exarchos, T. P.**, Goules, A., Gandolfo, S., Zampeli, E., Skopouli, F., De Vita, S., Tzioufas, A.G., & Fotiadis, D. I. (2020, November). Dealing with Open Issues and Unmet Needs in Healthcare Through Ontology Matching and Federated Learning. In European Medical and Biological Engineering Conference (pp. 306-313). Springer, Cham. | М33 |
| 6. | Pezoulas, V. C., Kourou, K. D., Kalatzis, F., **Exarchos, T. P.**, Venetsanopoulou, A., Zampeli, E., Gandolfo, S., Skopouli, F., De Vita, S., Tzioufas, A.G., & Fotiadis, D. I. (2019). Medical data quality assessment: On the development of an automated framework for medical data curation. Computers in biology and medicine, 107, 270-283. | М22 |
| 7. | Siogkas, P. K., Papafaklis, M. I., Lakkas, L., **Exarchos, T. P.**, Karmpaliotis, D., Ali, Z. A., Pelosi, G., Parodi, O., Katsouras, C.S., Fotiadis, D.I., & Michalis, L. K. (2019). Virtual functional assessment of coronary stenoses using intravascular ultrasound imaging: a proof-of-concept Pilot Study. Heart, Lung and Circulation, 28(4), e33-e36. | М22 |
| 8. | Seghieri, C., Lupi, E., **Exarchos, T. P.**, Ferro, F., Tzioufas, A. G., & Baldini, C. (2019). Variation in primary Sjögren's syndrome care among European countries. Clin Exp Rheumatol, 37(3), 27-28. | М22 |
| 9. | Kourou, K., Rigas, G., Exarchos, K. P., Goletsis, Y., **Exarchos, T. P.**, Jacobs, S., Meyns, B., Trivella, M.G., & Fotiadis, D. I. (2016). Prediction of time dependent survival in HF patients after VAD implantation using pre-and post-operative data. Computers in biology and medicine, 70, 99-105. | М22 |
| 10. | Kigka, V. I., Rigas, G., Sakellarios, A., Siogkas, P., Andrikos, I. O., **Exarchos, T. P.**, Loggitsi, D., Anagnostopoulos, C.D., Michalis, L.K., Neglia, D. and Pelosi, G., Parodi, O., & Fotiadis, D. I. (2018). 3D reconstruction of coronary arteries and atherosclerotic plaques based on computed tomography angiography images. Biomedical Signal Processing and Control, 40, 286-294. | M21 |
| **Cumulative data on scientific, artistic and professional activities of the teacher** |
| Total number of citations | 2107 |
| Total number of papers in SCI (SSCI) indexed journals | >30 |
| Current participation in projects | National:  | International:  |
| Additional relevant information | Visiting professor at the Faculty of Engineering in Kragujevac |